

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101519\
 Data File : VX013073.D
 Acq On : 15 Oct 2019 13:21
 Operator : JC/SP
 Sample : 5.0 PPB L00
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Quant Time: Oct 16 05:57:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279815	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	113262	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	108810	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
35) Dibromofluoromethane	5.49	113	85113	53.00	ug/l	0.00
Spiked Amount			Recovery	=	106.00%	
50) Toluene-d8	8.71	98	321776	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	11.14	95	117666	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	8700	5.122	ug/l	95
3) Chloromethane	1.32	50	9928	5.371	ug/l	94
4) Vinyl Chloride	1.40	62	9483	4.970	ug/l	96
5) Bromomethane	1.63	94	4540	5.724	ug/l	96
6) Chloroethane	1.71	64	7120	6.432	ug/l	100
7) Trichlorofluoromethane	1.92	101	14603	5.670	ug/l	91
8) Diethyl Ether	2.18	74	5584	5.372	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	9264	5.558	ug/l	94
10) Methyl Iodide	2.50	142	7845	8.814	ug/l	97
11) Tert butyl alcohol	3.04	59	18082	32.749	ug/l	95
12) 1,1-Dichloroethene	2.36	96	8931	5.303	ug/l	99
13) Acrolein	2.28	56	8465	21.574	ug/l	97
14) Allyl chloride	2.72	41	15390	5.132	ug/l	100
15) Acrylonitrile	3.14	53	27964	26.726	ug/l	98
16) Acetone	2.44	43	27240	24.812	ug/l	98
17) Carbon Disulfide	2.56	76	20894	4.351	ug/l	97
18) Methyl Acetate	2.76	43	14303	5.497	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	32322	5.558	ug/l	97
20) Methylene Chloride	2.85	84	11274	5.588	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	9788	5.423	ug/l	90
22) Diisopropyl ether	3.85	45	30888	5.375	ug/l	# 92
23) Vinyl Acetate	3.81	43	124754	25.148	ug/l	98
24) 1,1-Dichloroethane	3.69	63	17848	5.521	ug/l	99
25) 2-Butanone	4.66	43	40119	26.340	ug/l	95
26) 2,2-Dichloropropane	4.58	77	13922	5.121	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	11056	5.314	ug/l	95
28) Bromochloromethane	5.00	49	5504	5.297	ug/l	98
29) Tetrahydrofuran	5.12	42	24276	25.901	ug/l	98
30) Chloroform	5.20	83	18152	5.472	ug/l	97
31) Cyclohexane	5.57	56	14804	4.897	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	15190	5.404	ug/l	99
36) 1,1-Dichloropropene	5.79	75	12979	5.276	ug/l	96
37) Ethyl Acetate	4.83	43	14315	5.204	ug/l	99
38) Carbon Tetrachloride	5.78	117	12507	5.223	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	15482	5.189	ug/l	88
40) Benzene	6.13	78	40465	5.569	ug/l	97
41) Methacrylonitrile	5.04	41	7363	4.871	ug/l	92
42) 1,2-Dichloroethane	6.19	62	15087	5.786	ug/l	99
43) Isopropyl Acetate	6.44	43	22563	5.110	ug/l	98
44) Trichloroethene	7.21	130	10539	5.231	ug/l	95
45) 1,2-Dichloropropane	7.51	63	10483	5.661	ug/l	93
46) Dibromomethane	7.65	93	6724	5.450	ug/l	96
47) Bromodichloromethane	7.89	83	12161	5.051	ug/l #	95
48) Methyl methacrylate	7.76	41	10810	5.024	ug/l	98
49) 1,4-Dioxane	7.73	88	5693	130.222	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	72834	26.458	ug/l	100
52) Toluene	8.78	92	25401	5.464	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	12369	6.107	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	14392	4.860	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	10030	5.452	ug/l	95
56) Ethyl methacrylate	9.17	69	15282	6.301	ug/l	99
57) 1,3-Dichloropropane	9.37	76	16868	5.301	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	34472	25.508	ug/l	100
59) 2-Hexanone	9.49	43	55203	25.761	ug/l	99
60) Dibromochloromethane	9.58	129	9091	6.133	ug/l	96
61) 1,2-Dibromoethane	9.67	107	10523	5.438	ug/l	98
64) Tetrachloroethene	9.33	164	10379	6.048	ug/l	97
65) Chlorobenzene	10.14	112	27107	5.517	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.22	131	9252	5.431	ug/l	96
67) Ethyl Benzene	10.25	91	45803	5.248	ug/l	90
68) m/p-Xylenes	10.36	106	35103	10.766	ug/l	96
69) o-Xylene	10.70	106	17431	5.482	ug/l	98
70) Styrene	10.71	104	28151	5.208	ug/l	97
71) Bromoform	10.86	173	5551	6.718	ug/l #	98
73) Isopropylbenzene	11.01	105	44148	5.302	ug/l	98
74) N-amyl acetate	10.89	43	17315	4.828	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	15233	5.500	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	16079	6.401	ug/l	81
77) Bromobenzene	11.25	156	11527	5.874	ug/l	94
78) n-propylbenzene	11.35	91	46105	5.032	ug/l	100
79) 2-Chlorotoluene	11.42	91	30992	5.382	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	37240	5.356	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	3702	7.564	ug/l	91
82) 4-Chlorotoluene	11.51	91	35396	5.363	ug/l	98
83) tert-Butylbenzene	11.76	119	36175	5.333	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	36146	5.133	ug/l	98
85) sec-Butylbenzene	11.94	105	40662	5.174	ug/l	99
86) p-Isopropyltoluene	12.06	119	37383	5.129	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	18936	5.197	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	19786	5.361	ug/l	96
89) n-Butylbenzene	12.39	91	28407	4.638	ug/l	99
90) Hexachloroethane	12.59	117	5465	5.995	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	19362	5.420	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	3272	5.040	ug/l	92

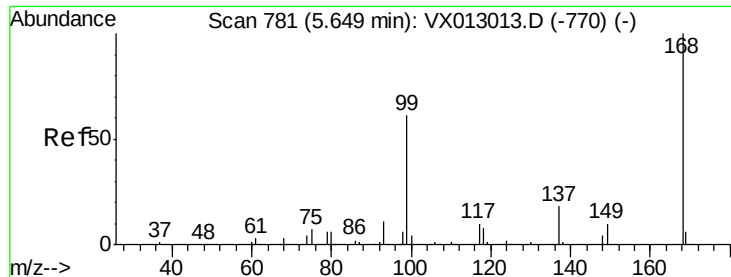
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	10436	4.663	ug/l	99
94) Hexachlorobutadiene	13.78	225	4590	4.444	ug/l	90
95) Naphthalene	13.83	128	36504	4.706	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	11313	4.892	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

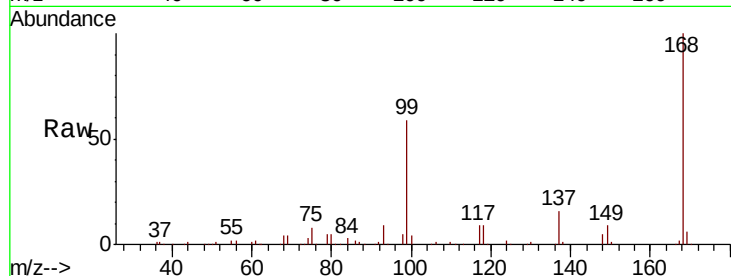
LOQ-WATER-02-QT4-2019

Tot Ion:168 Resp: 166641

Ion Ratio Lower Upper

168 100

99 58.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

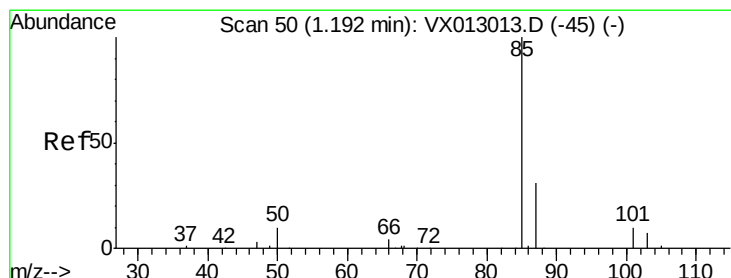
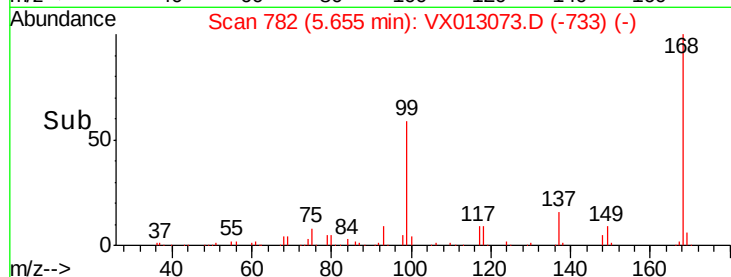
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 5.122 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX013073.D

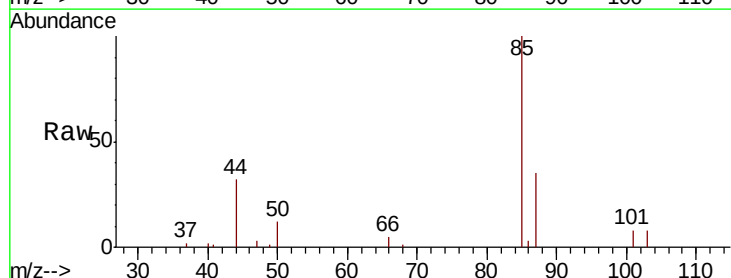
Acq: 15 Oct 2019 13:21

Tgt Ion: 85 Resp: 8700

Ion Ratio Lower Upper

85 100

87 35.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

8000

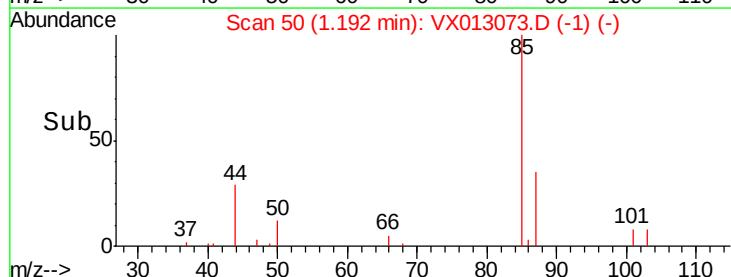
6000

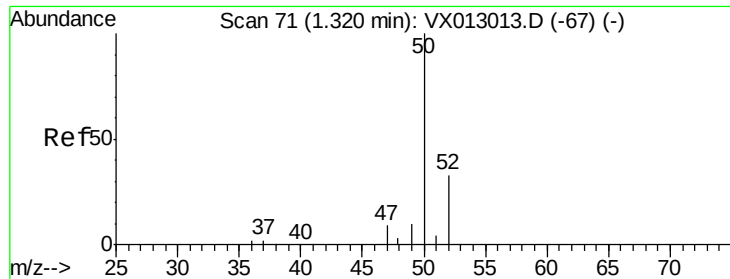
4000

2000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 5.371 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

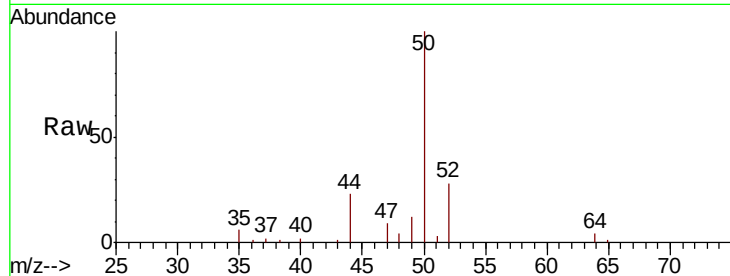
LOQ-WATER-02-QT4-2019

Tot Ion: 50 Resp: 9928

Ion Ratio Lower Upper

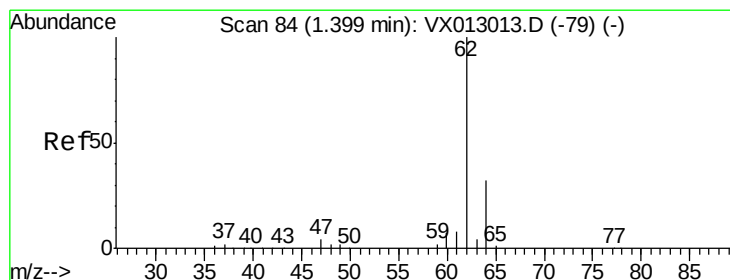
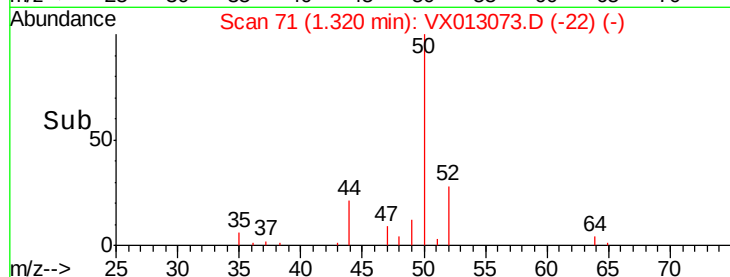
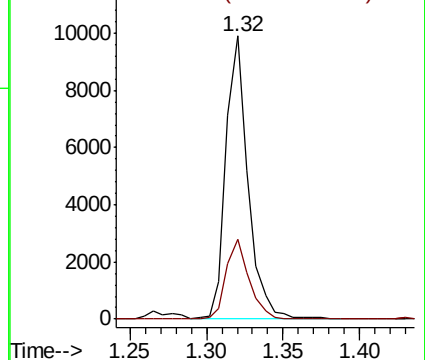
50 100

52 28.2 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.970 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013073.D

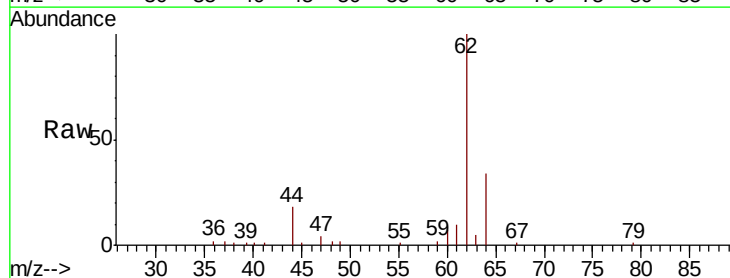
Acq: 15 Oct 2019 13:21

Tgt Ion: 62 Resp: 9483

Ion Ratio Lower Upper

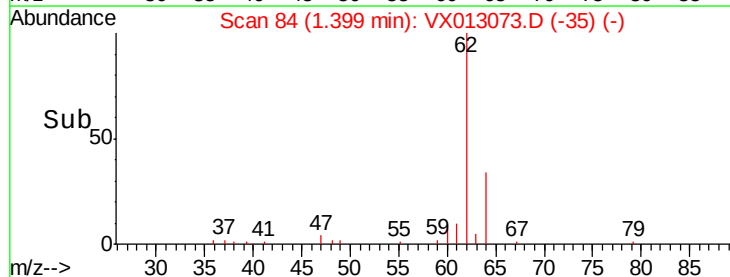
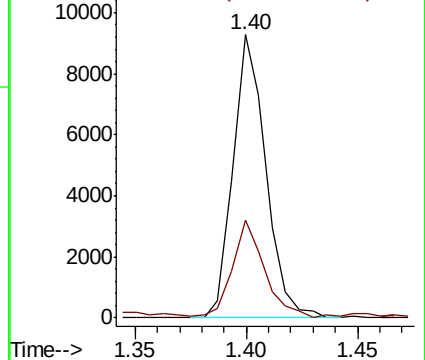
62 100

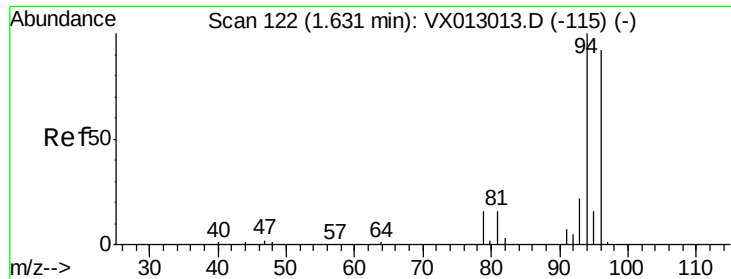
64 33.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.724 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

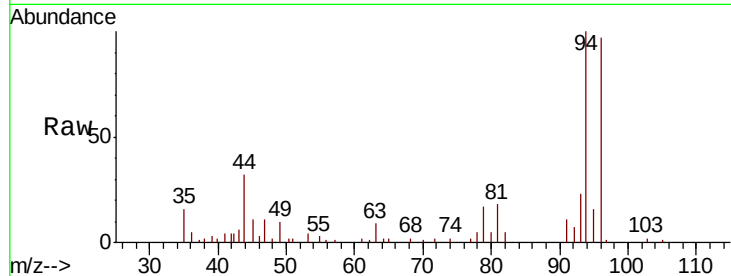
LOQ-WATER-02-QT4-2019

Tot Ion: 94 Resp: 4540

Ion Ratio Lower Upper

94 100

96 97.1 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

5000

4000

3000

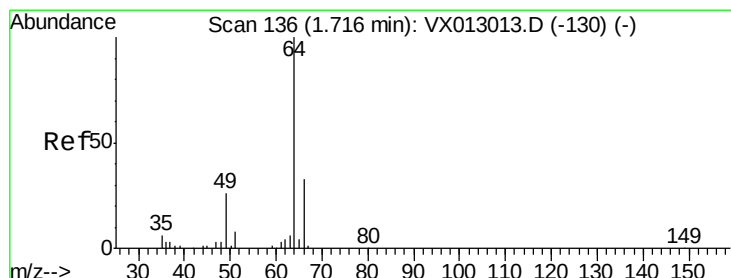
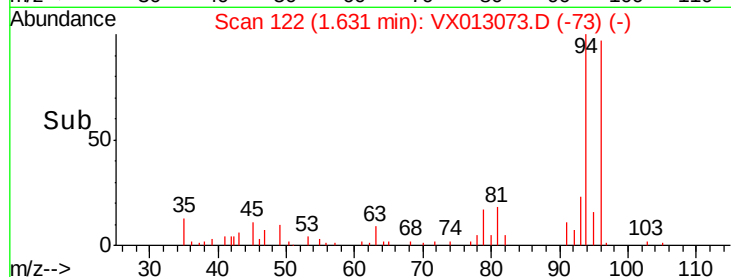
2000

1000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 6.432 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013073.D

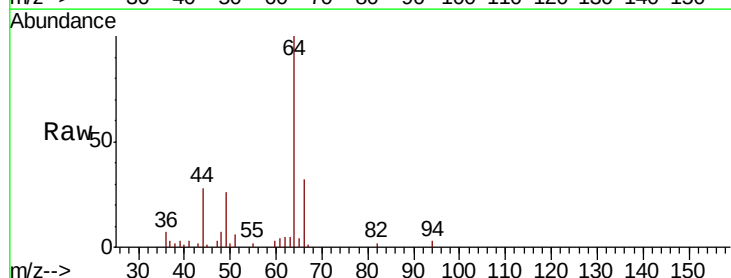
Acq: 15 Oct 2019 13:21

Tgt Ion: 64 Resp: 7120

Ion Ratio Lower Upper

64 100

66 32.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

5000

4000

3000

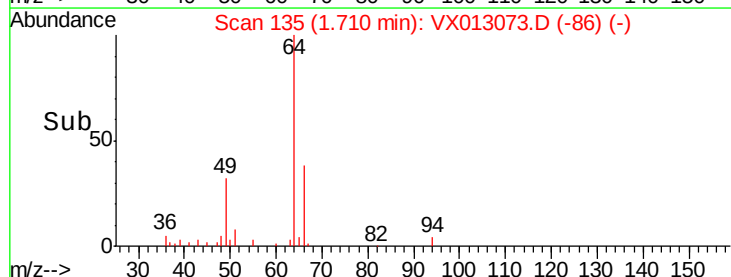
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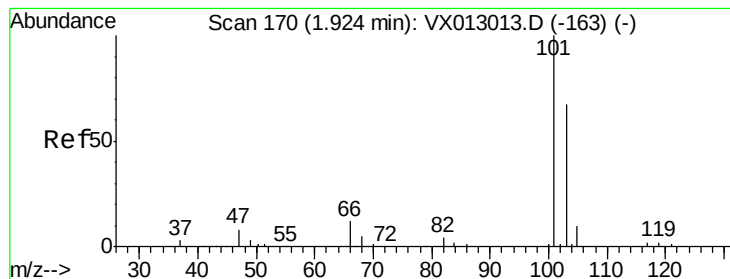
1000

0

Time-->

1.65 1.70 1.75



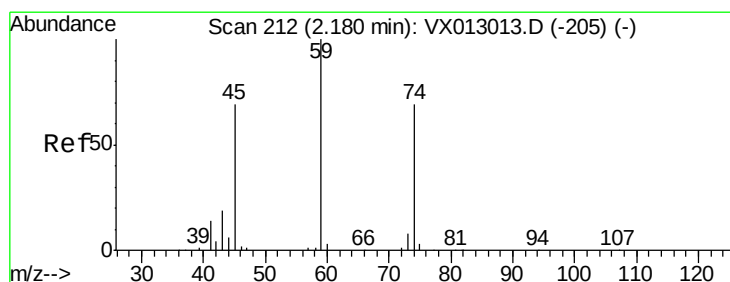
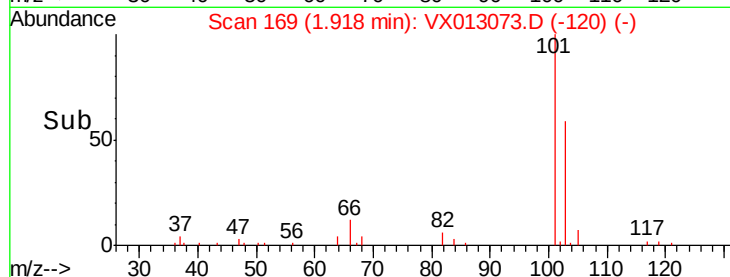
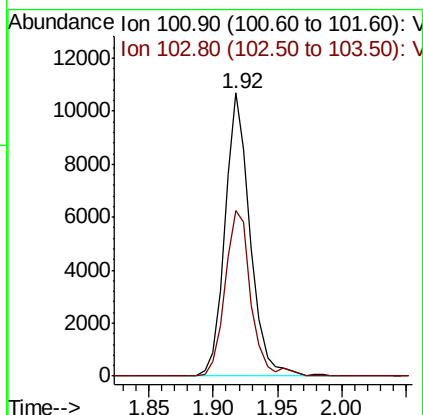
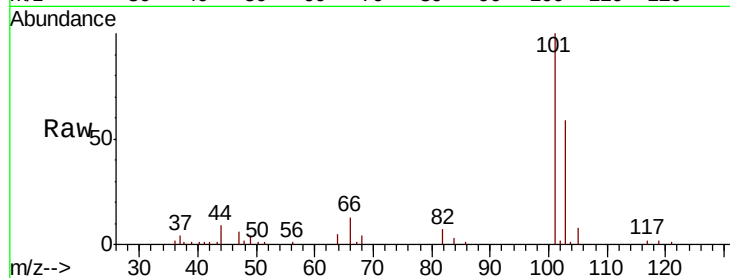


#7

Trichlorofluoromethane
Concen: 5.670 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

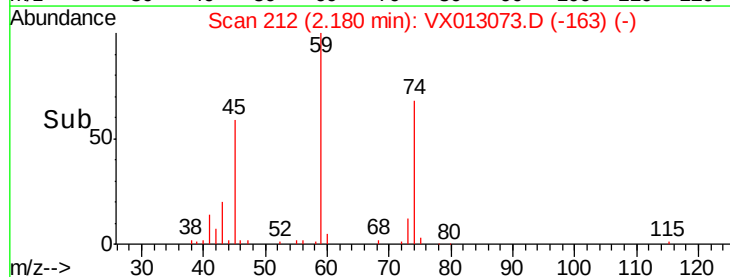
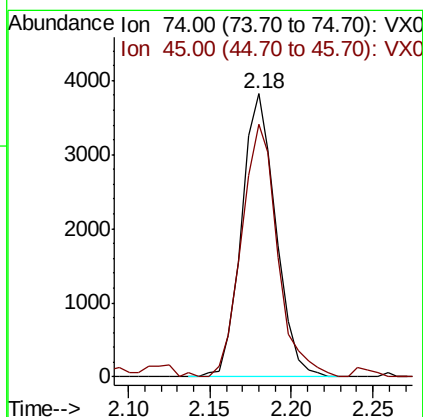
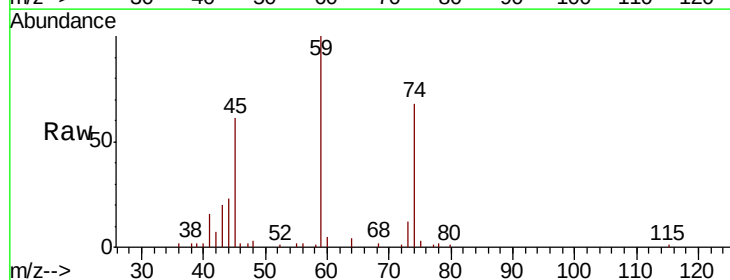
Tot Ion:101 Resp: 14603
Ion Ratio Lower Upper
101 100
103 58.7 52.5 78.7

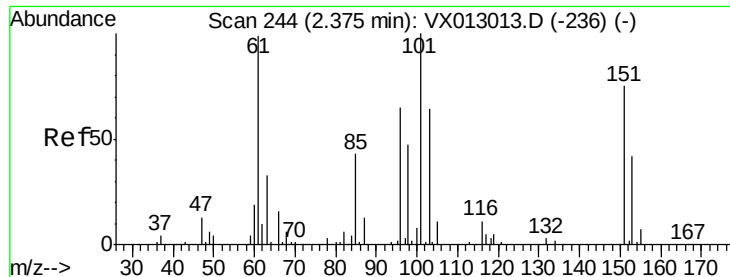


#8

Diethyl Ether
Concen: 5.372 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion: 74 Resp: 5584
Ion Ratio Lower Upper
74 100
45 94.0 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.558 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2019

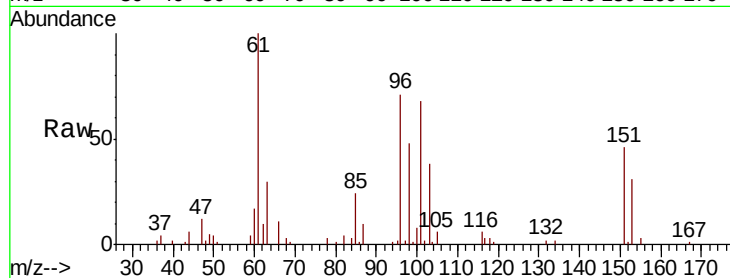
Tot Ion:101 Resp: 9264

Ion Ratio Lower Upper

101 100

85 39.0 35.2 52.8

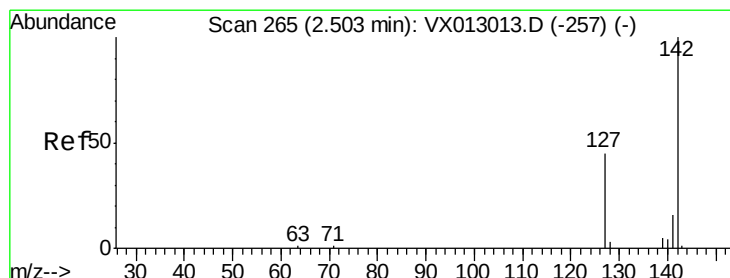
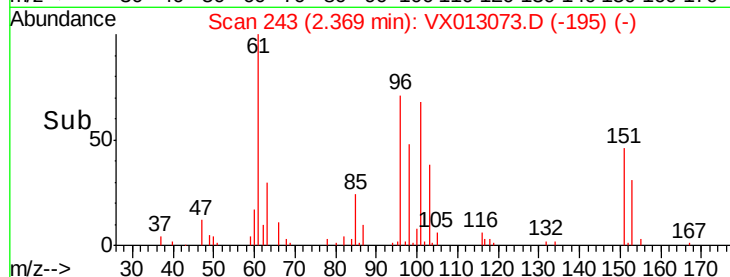
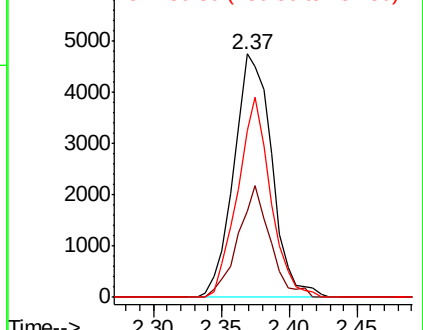
151 71.5 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 8.814 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

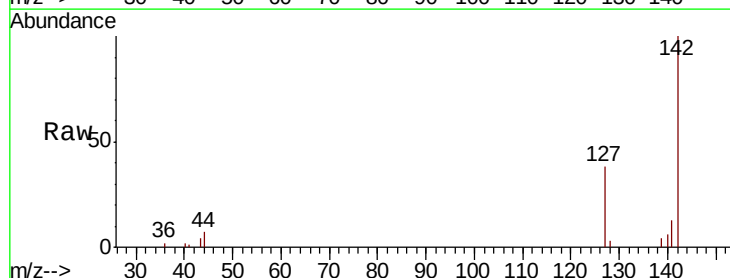
Tgt Ion:142 Resp: 7845

Ion Ratio Lower Upper

142 100

127 45.4 34.9 52.3

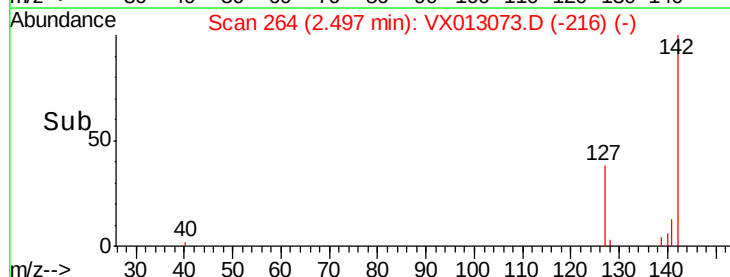
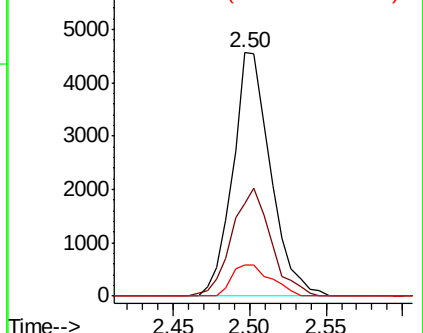
141 13.3 11.6 17.4

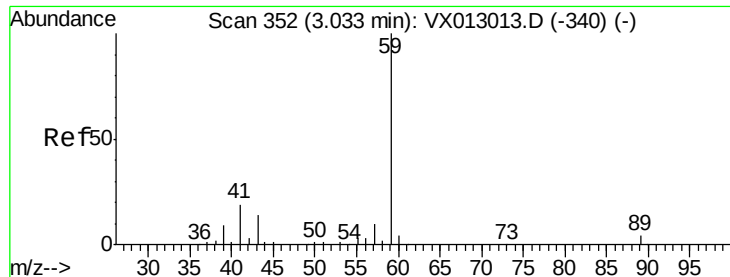


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

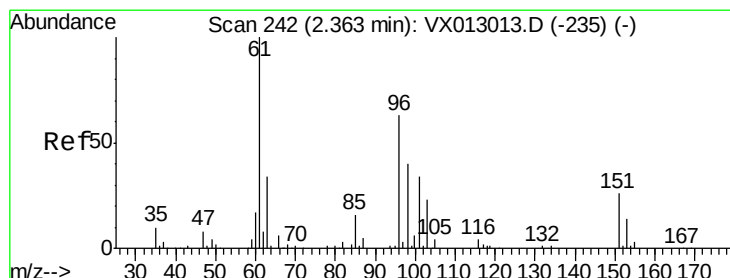
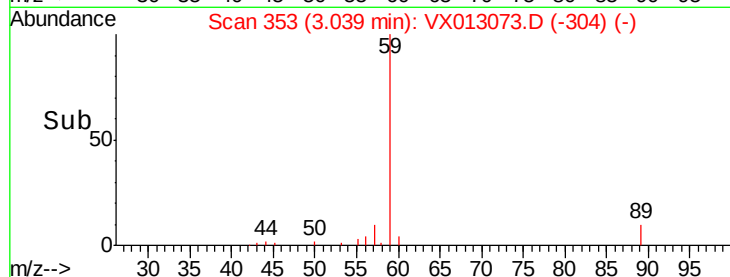
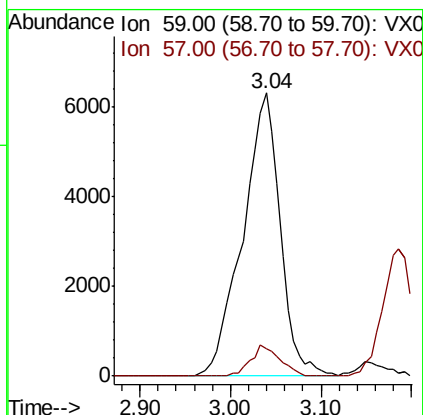
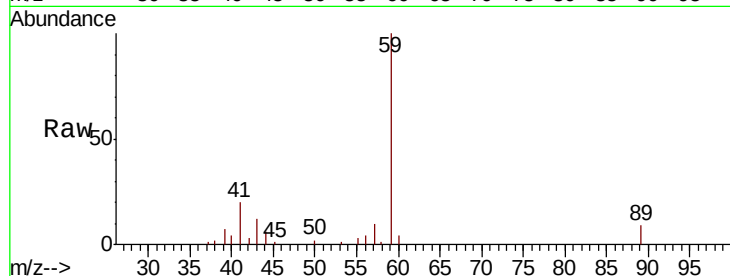




#11
Tert butyl alcohol
Concen: 32.749 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

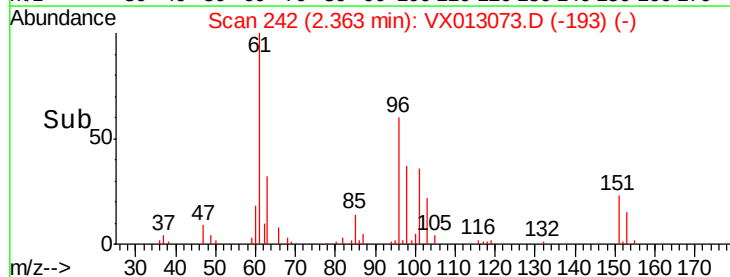
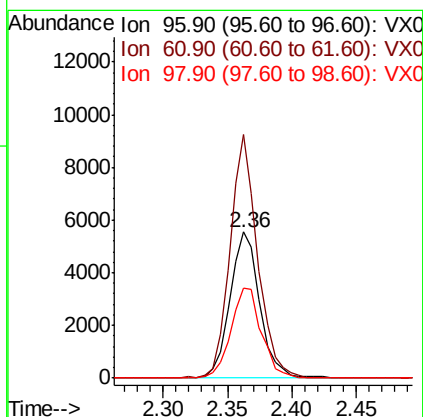
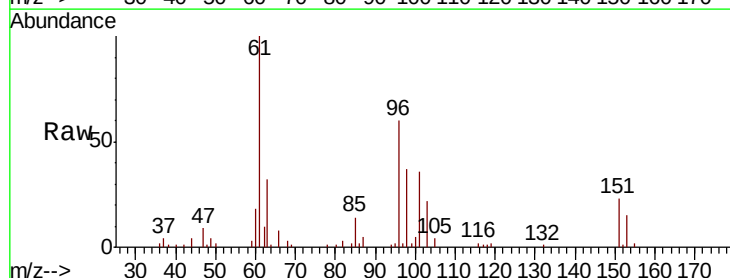
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

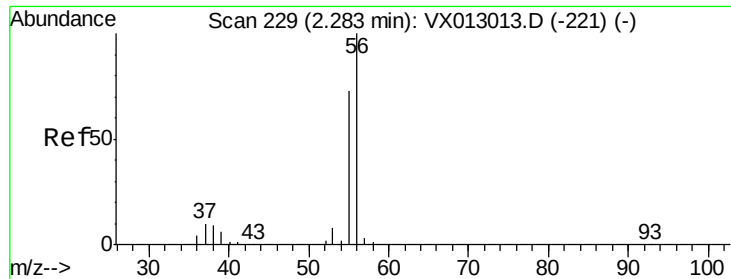
Tot Ion: 59 Resp: 18082
Ion Ratio Lower Upper
59 100
57 8.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 5.303 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion: 96 Resp: 8931
Ion Ratio Lower Upper
96 100
61 166.8 132.2 198.4
98 61.9 50.5 75.7





#13

Acrolein

Concen: 21.574 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

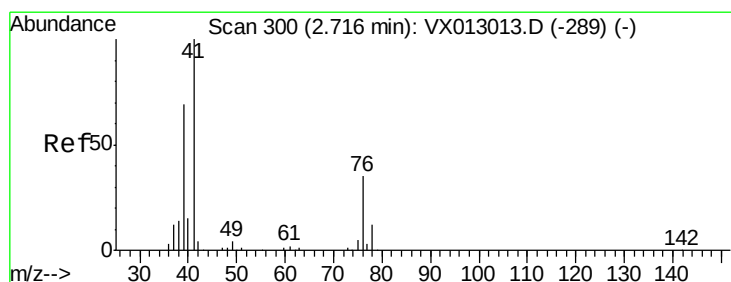
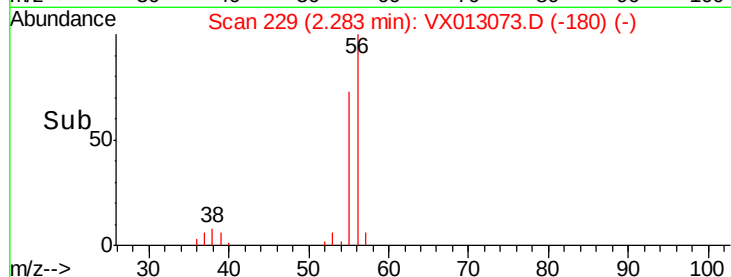
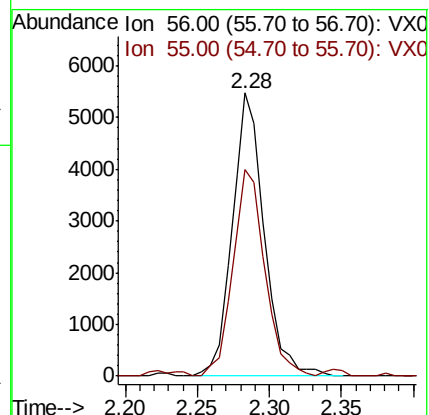
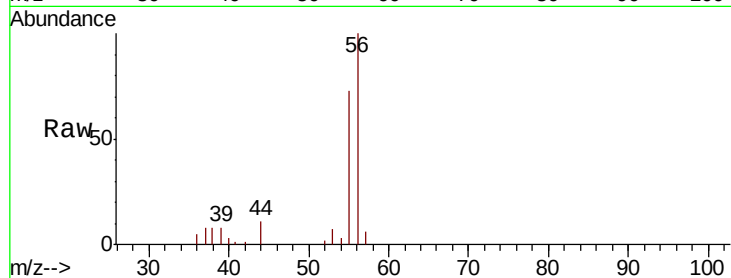
LOQ-WATER-02-QT4-2019

Tot Ion: 56 Resp: 8465

Ion Ratio Lower Upper

56 100

55 73.2 56.6 85.0



#14

Allyl chloride

Concen: 5.132 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

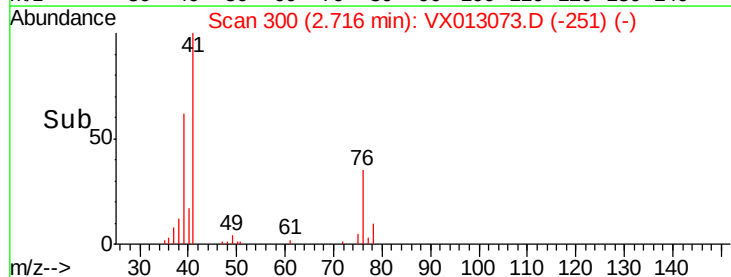
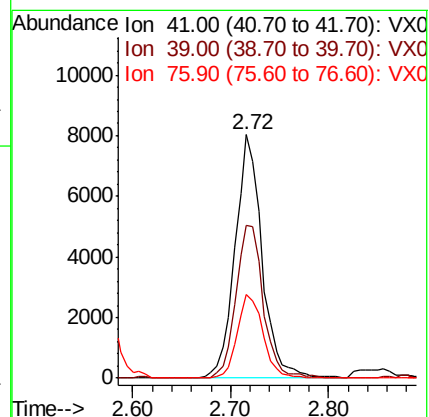
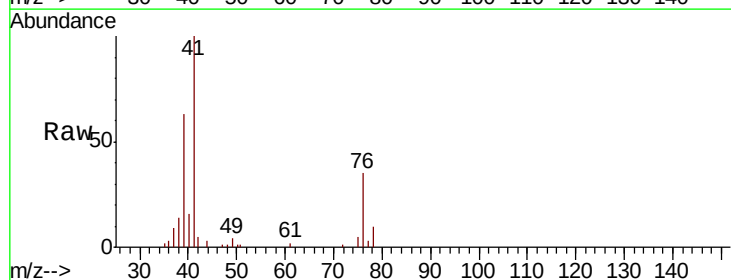
Tgt Ion: 41 Resp: 15390

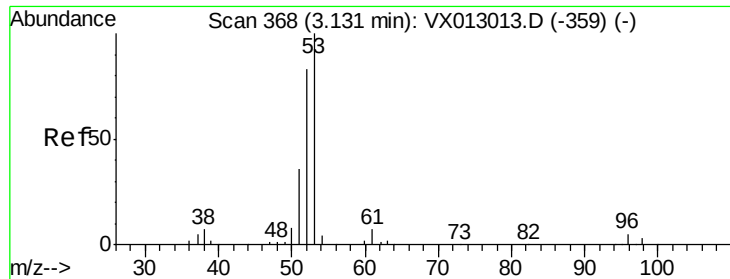
Ion Ratio Lower Upper

41 100

39 63.5 51.0 76.6

76 32.8 26.2 39.4





#15

Acrylonitrile

Concen: 26.726 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2019

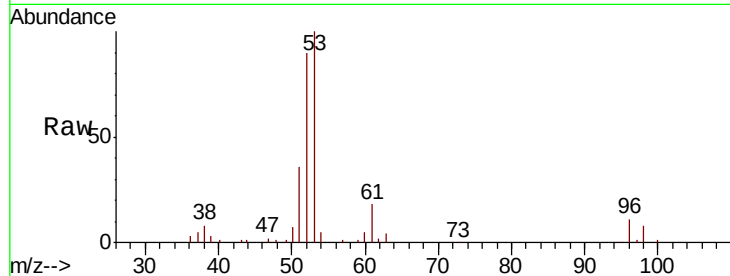
Tot Ion: 53 Resp: 27964

Ion Ratio Lower Upper

53 100

52 85.1 66.2 99.2

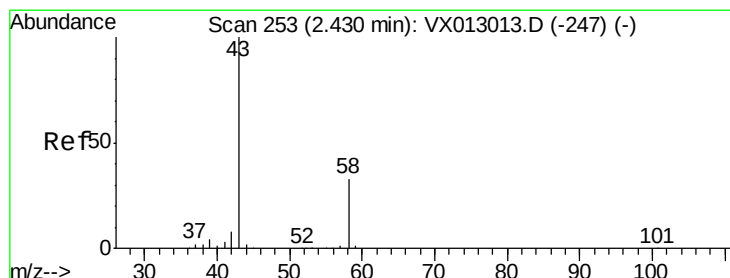
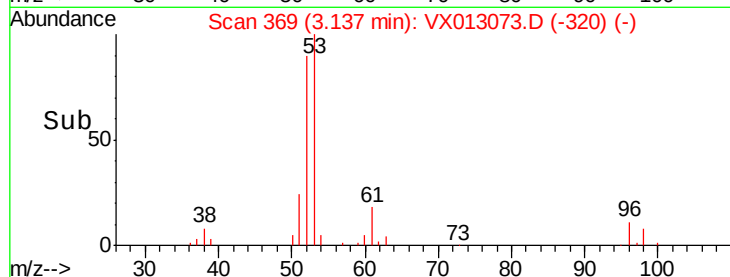
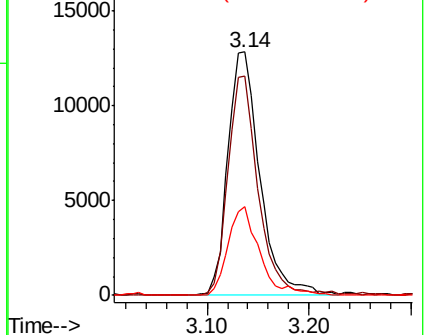
51 35.7 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 24.812 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013073.D

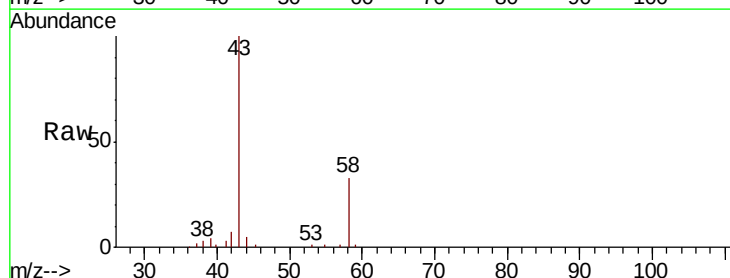
Acq: 15 Oct 2019 13:21

Tgt Ion: 43 Resp: 27240

Ion Ratio Lower Upper

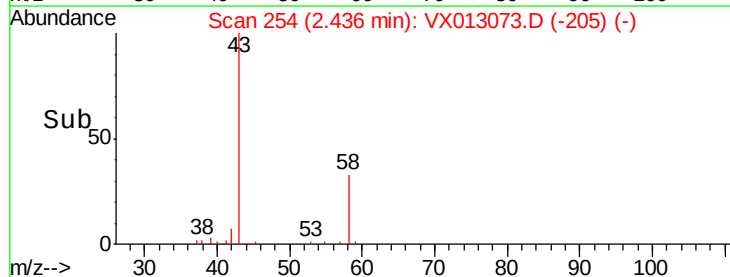
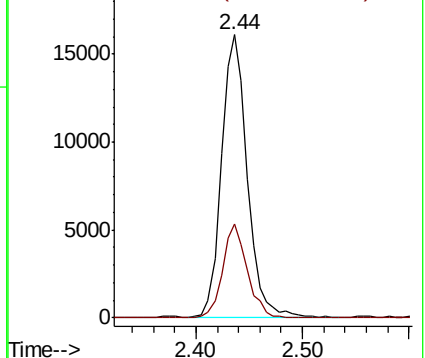
43 100

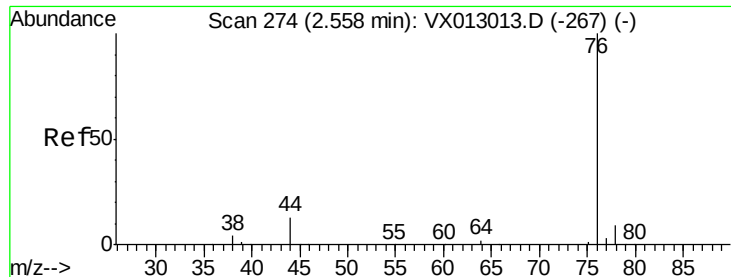
58 33.1 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

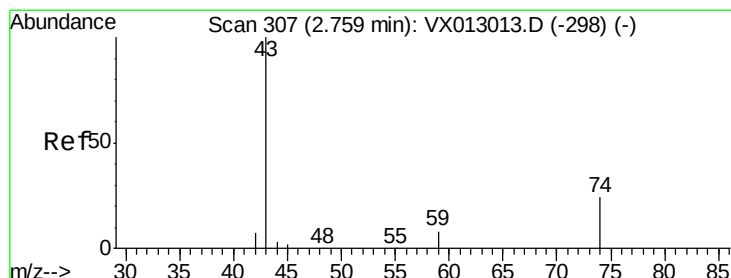
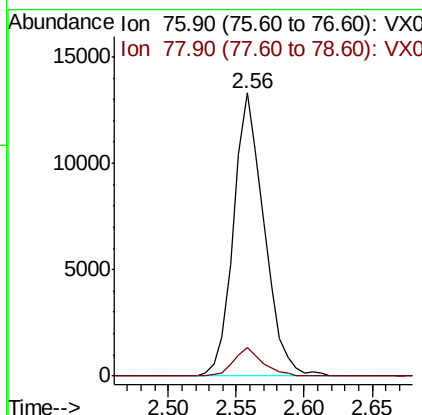
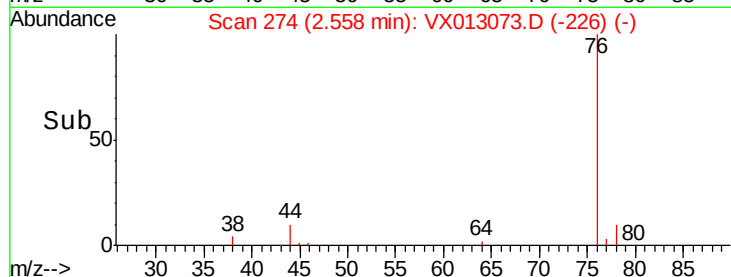
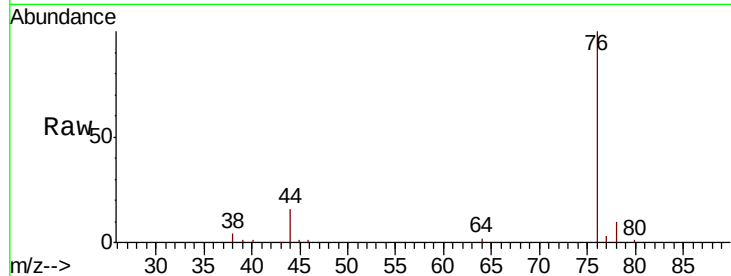




#17
Carbon Disulfide
Concen: 4.351 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

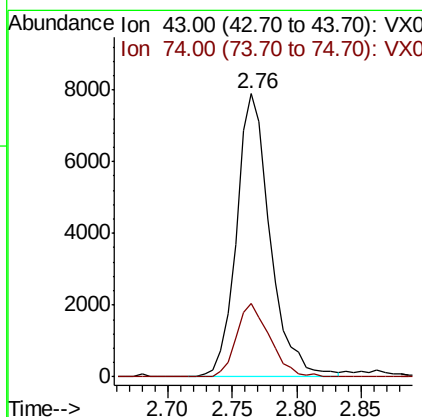
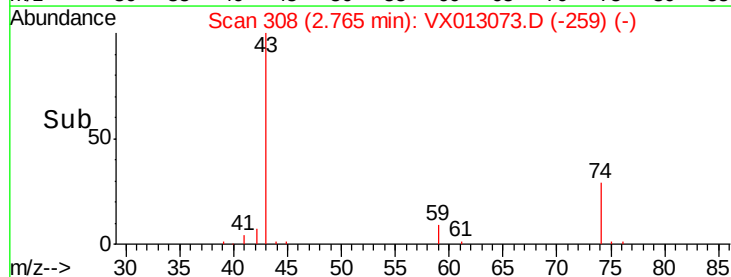
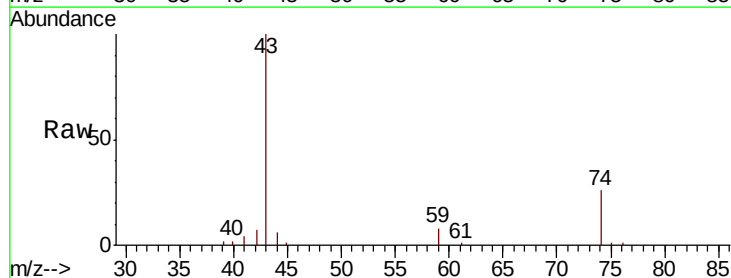
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

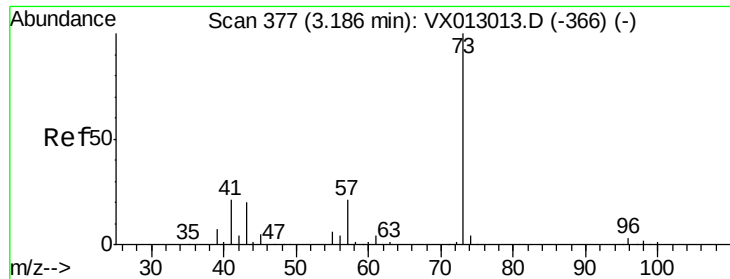
Tot Ion: 76 Resp: 20894
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7



#18
Methyl Acetate
Concen: 5.497 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion: 43 Resp: 14303
Ion Ratio Lower Upper
43 100
74 25.6 19.2 28.8

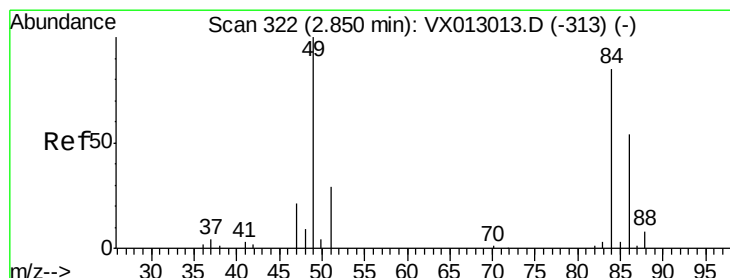
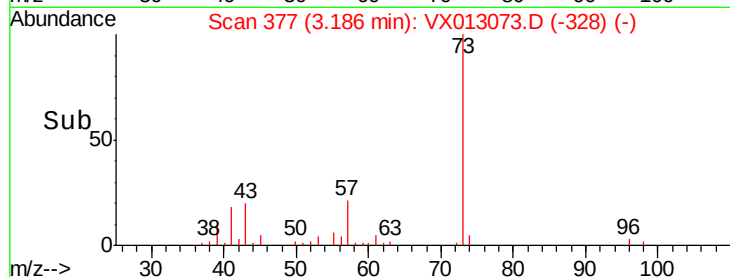
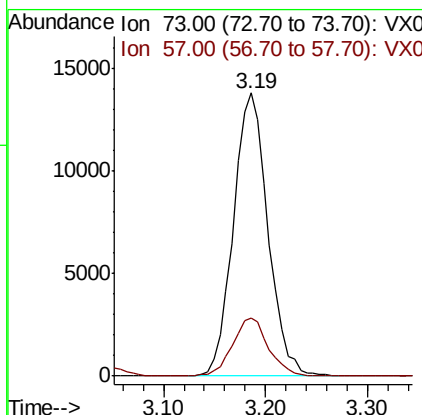
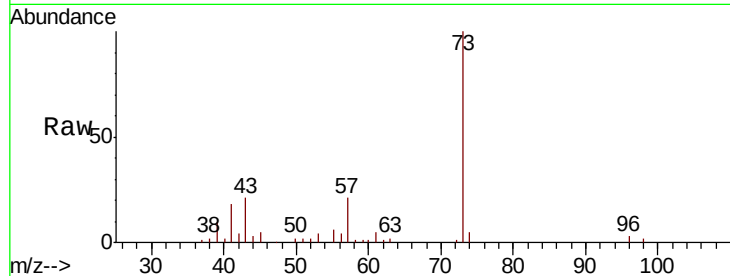




#19
Methyl tert-butyl Ether
Concen: 5.558 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

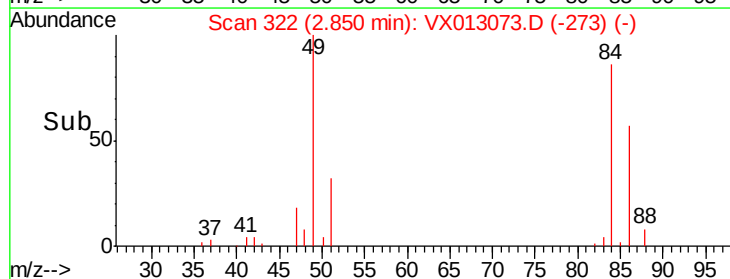
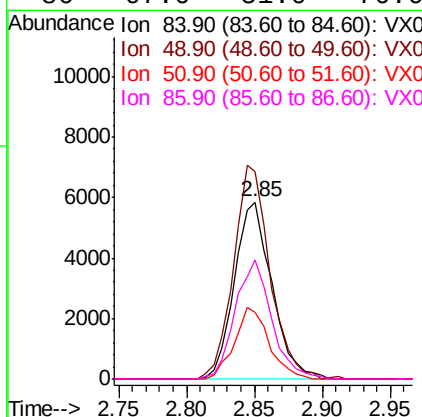
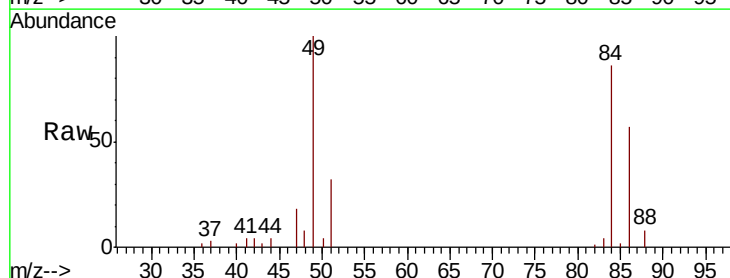
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

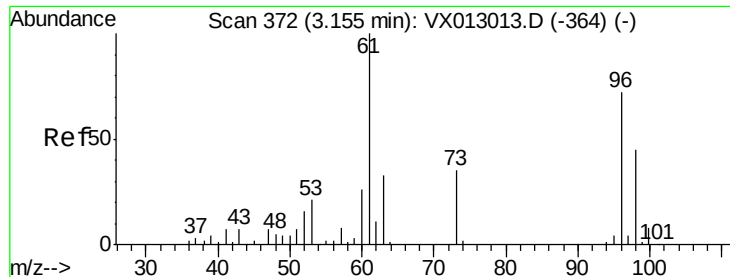
Tot Ion: 73 Resp: 32322
Ion Ratio Lower Upper
73 100
57 20.6 17.8 26.6



#20
Methylene Chloride
Concen: 5.588 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion: 84 Resp: 11274
Ion Ratio Lower Upper
84 100
49 116.9 96.6 144.8
51 37.8 30.7 46.1
86 67.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 5.423 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2019

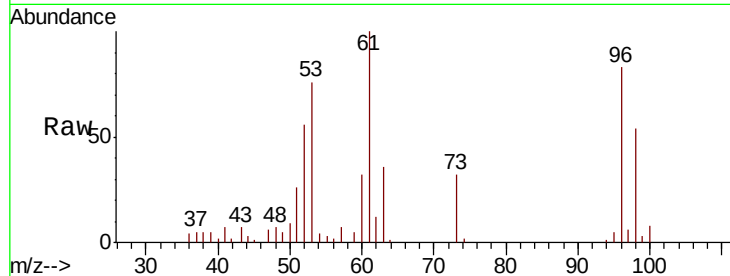
Tot Ion: 96 Resp: 9788

Ion Ratio Lower Upper

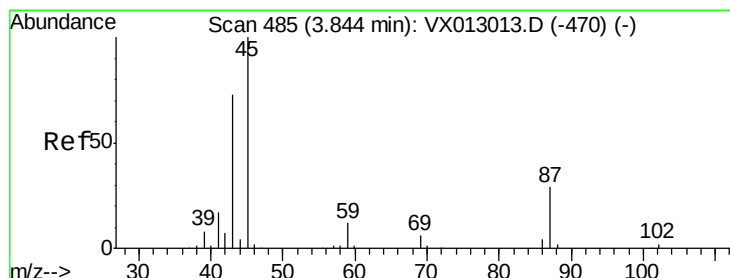
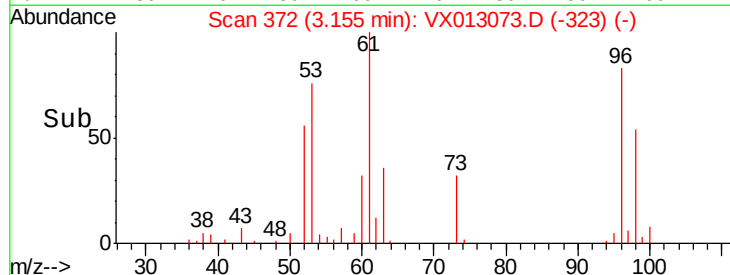
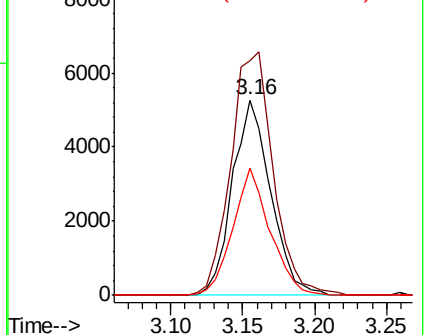
96 100

61 119.9 110.4 165.6

98 64.9 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 5.375 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Tgt Ion: 45 Resp: 30888

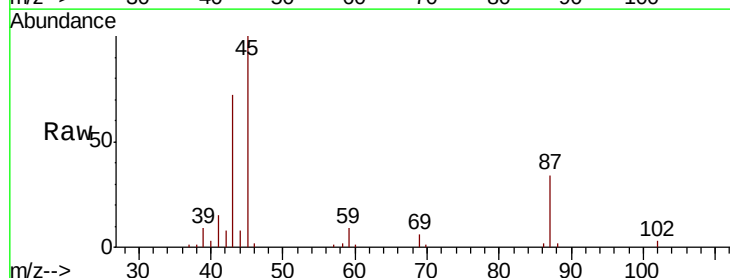
Ion Ratio Lower Upper

45 100

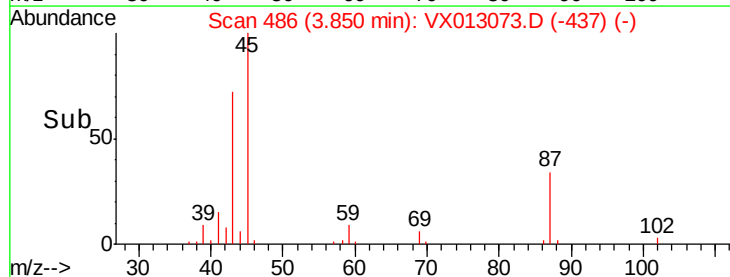
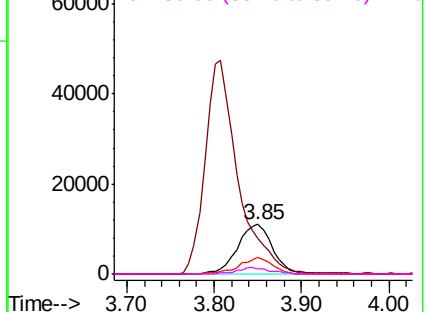
43 70.2 51.4 77.0

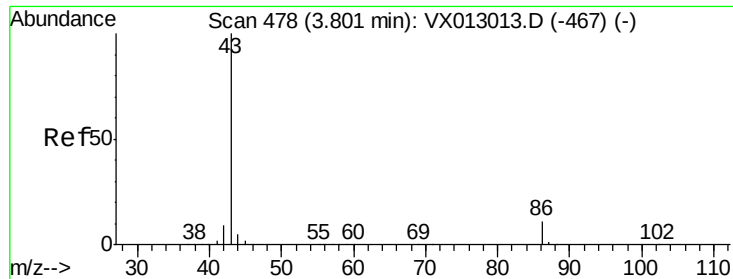
87 33.6 22.5 33.7

59 9.3 9.7 14.5#



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 25.148 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

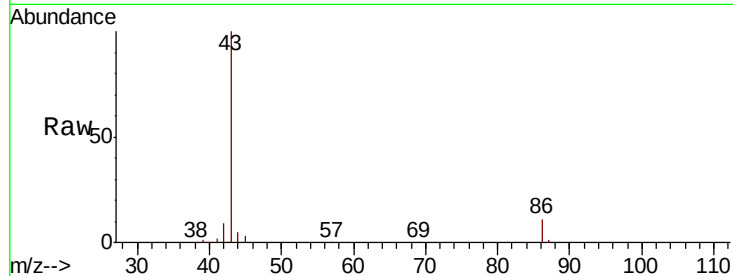
LOQ-WATER-02-QT4-2019

Tot Ion: 43 Resp: 124754

Ion Ratio Lower Upper

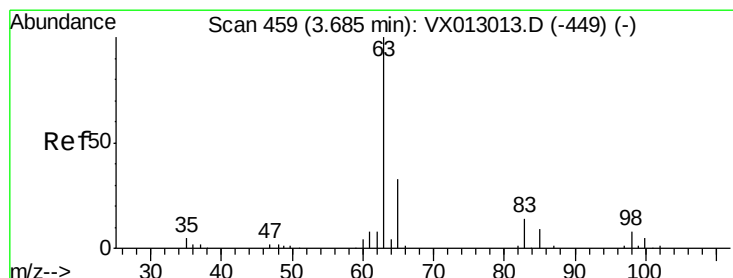
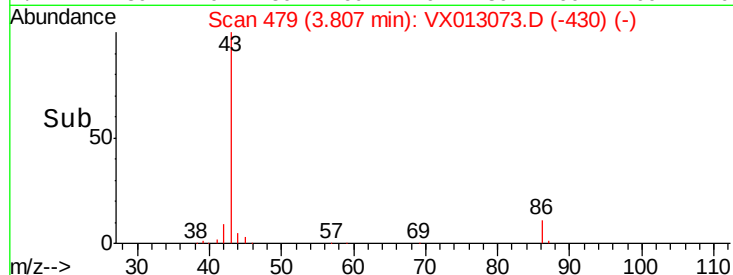
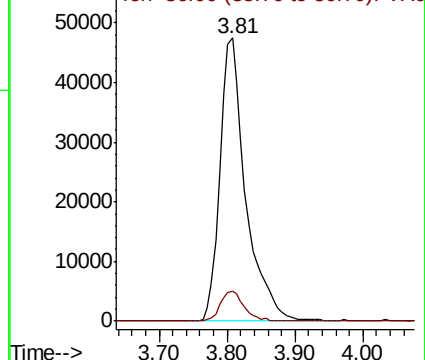
43 100

86 10.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.521 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

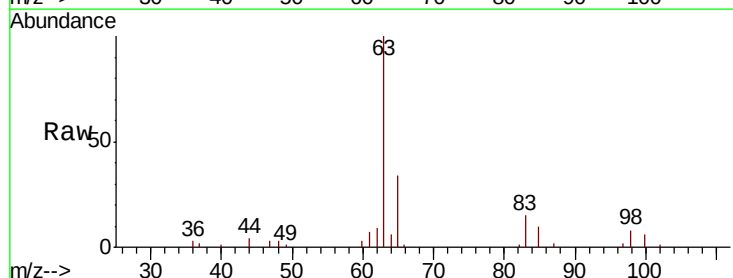
Tgt Ion: 63 Resp: 17848

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

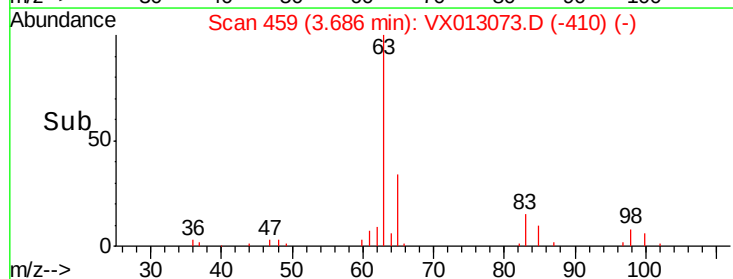
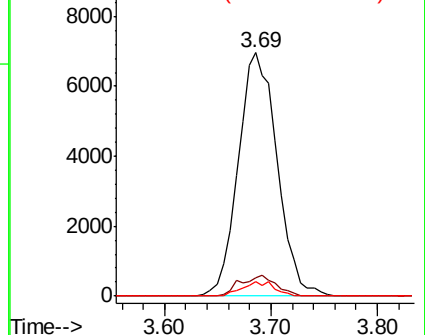
100 5.7 2.3 6.9

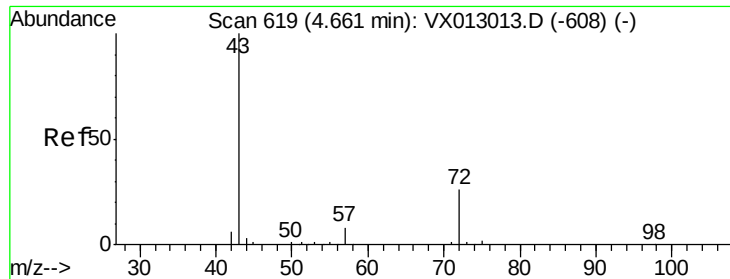


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 26.340 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

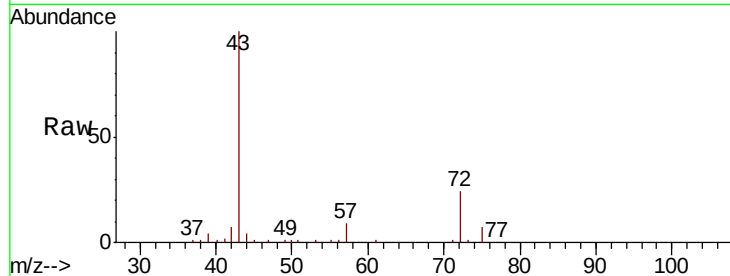
LOQ-WATER-02-QT4-2019

Tot Ion: 43 Resp: 40119

Ion Ratio Lower Upper

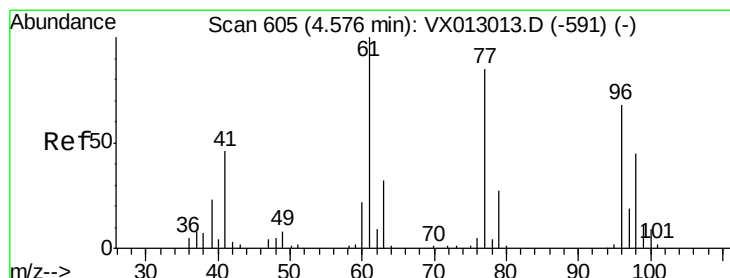
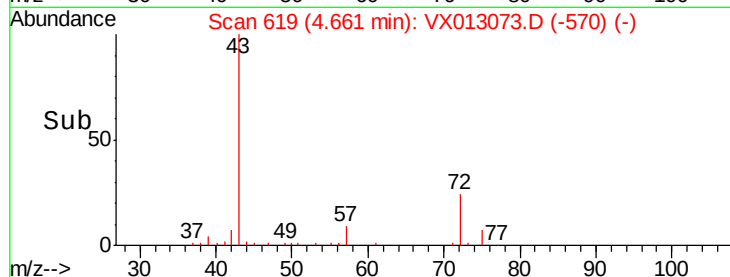
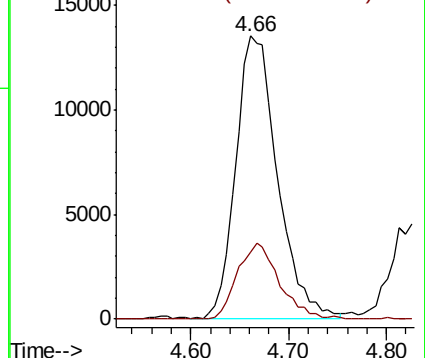
43 100

72 23.6 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 5.121 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.01 min

Lab File: VX013073.D

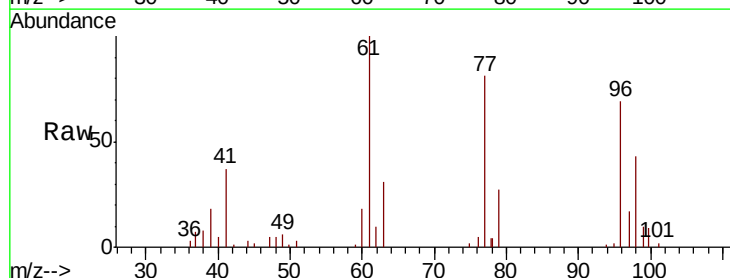
Acq: 15 Oct 2019 13:21

Tgt Ion: 77 Resp: 13922

Ion Ratio Lower Upper

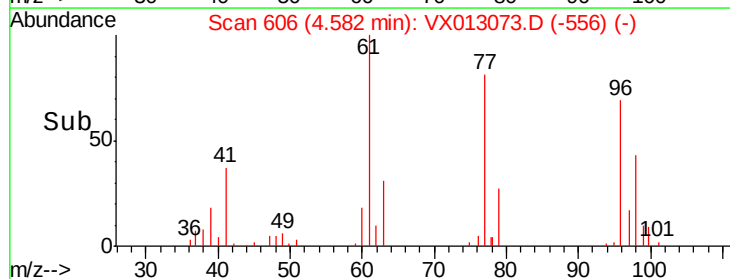
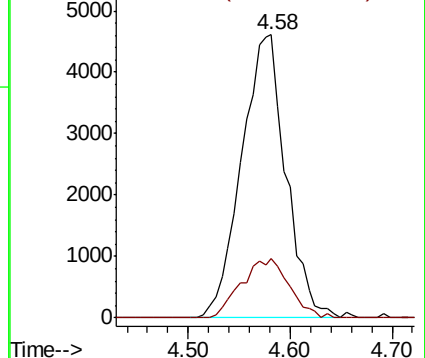
77 100

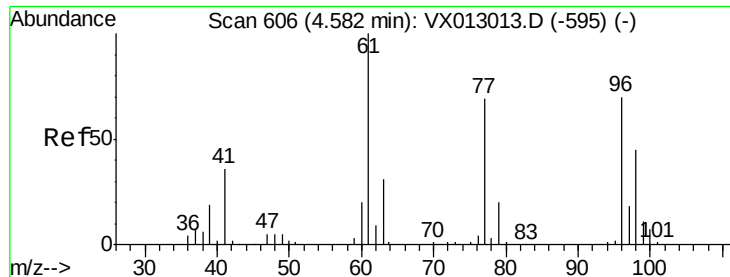
97 22.5 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



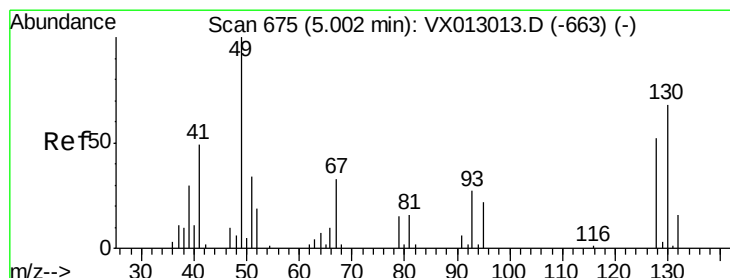
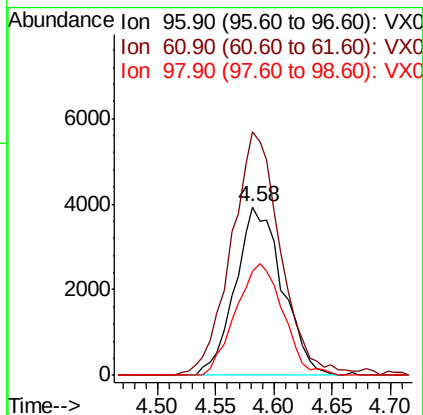
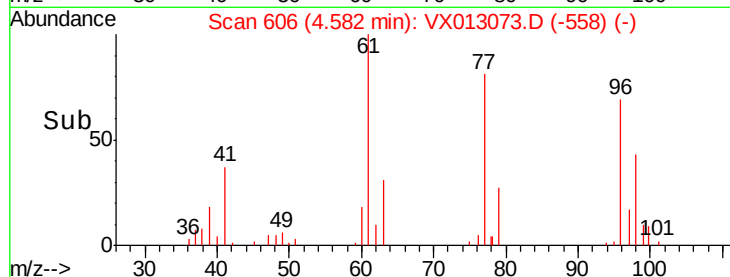
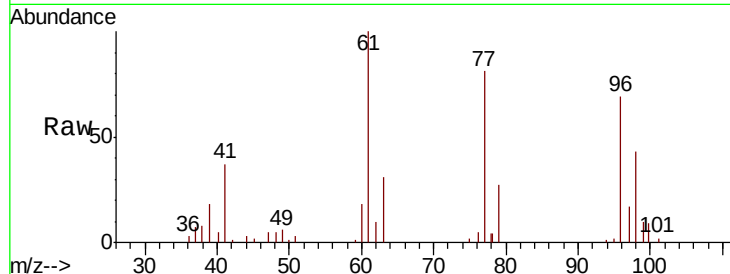


#27

cis-1,2-Dichloroethene
Concen: 5.314 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

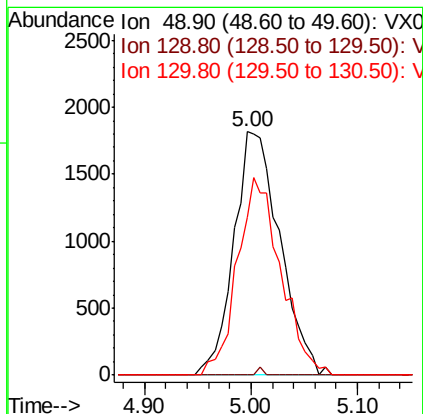
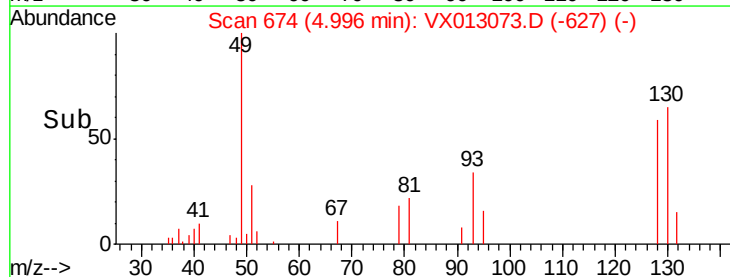
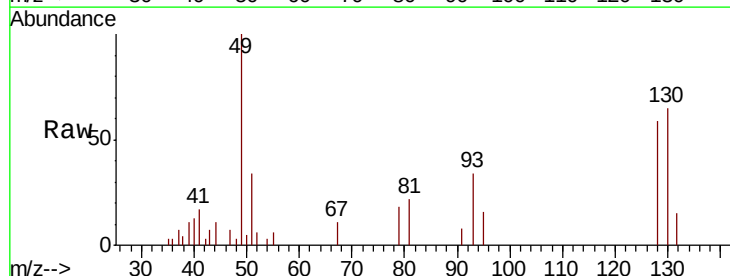
Tot Ion: 96 Resp: 11056
Ion Ratio Lower Upper
96 100
61 152.0 0.0 290.6
98 66.9 0.0 128.8

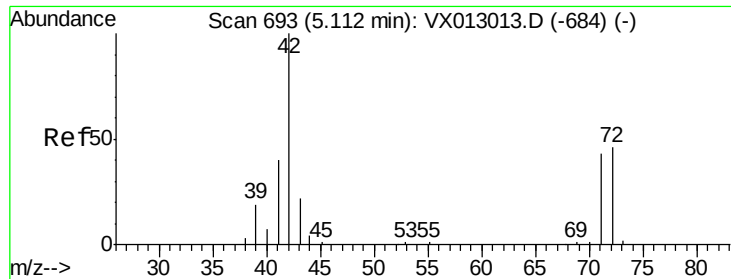


#28

Bromochloromethane
Concen: 5.297 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion: 49 Resp: 5504
Ion Ratio Lower Upper
49 100
129 0.4 0.0 4.2
130 76.3 62.1 93.1

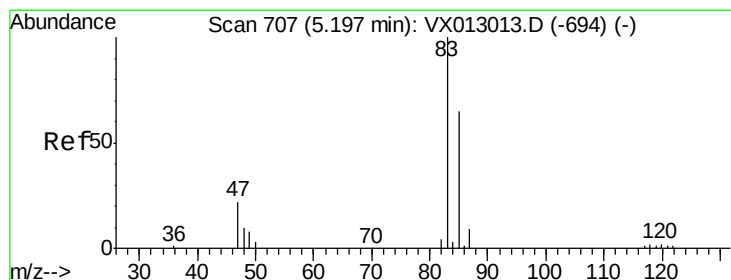
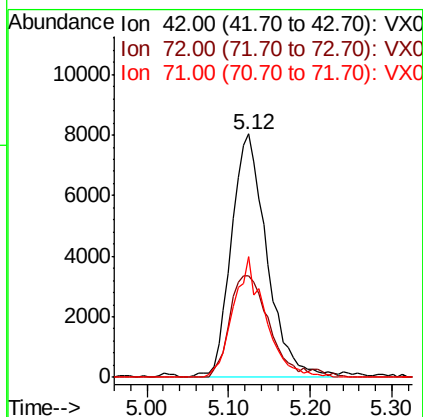
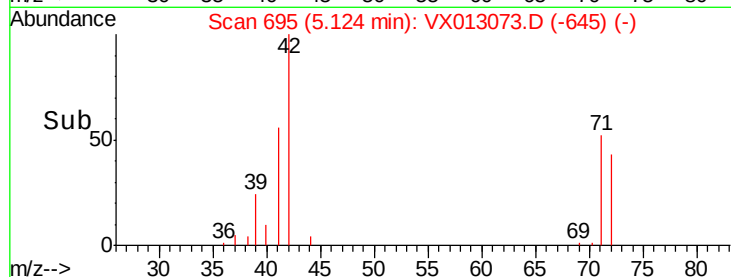
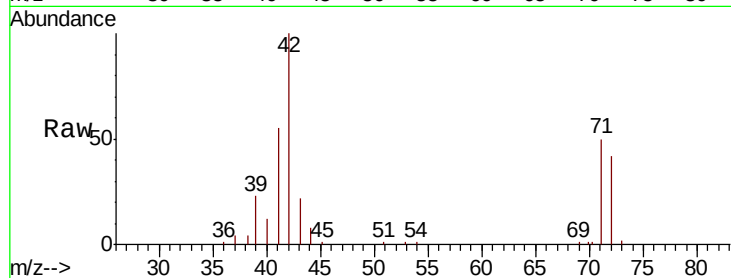




#29
Tetrahydrofuran
Concen: 25.901 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

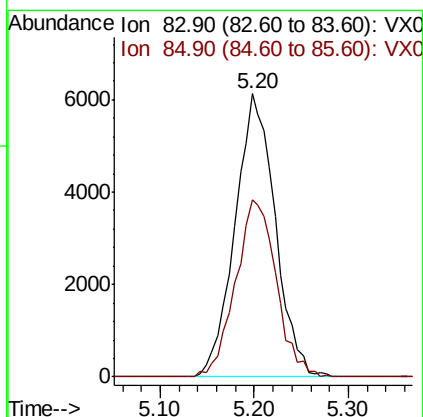
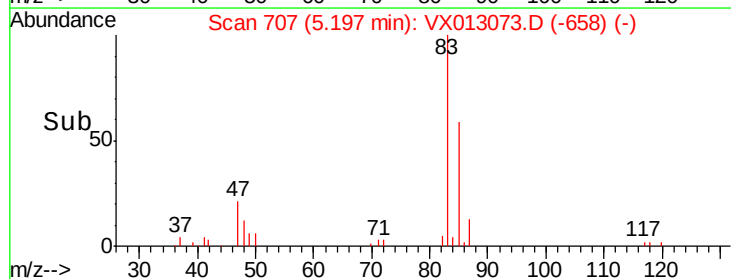
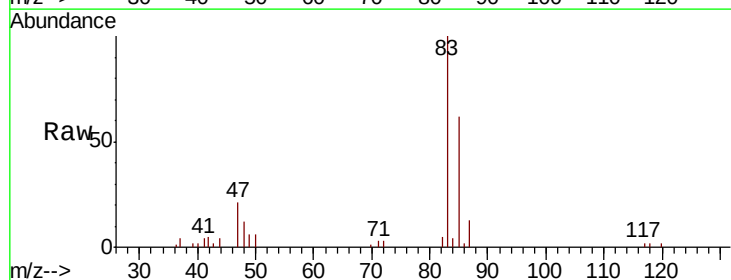
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

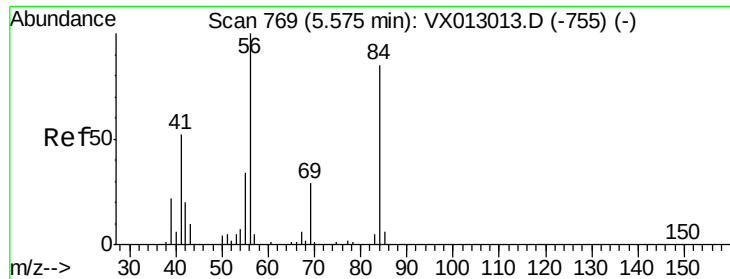
Tot Ion: 42 Resp: 24276
Ion Ratio Lower Upper
42 100
72 45.9 36.9 55.3
71 44.8 33.5 50.3



#30
Chloroform
Concen: 5.472 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion: 83 Resp: 18152
Ion Ratio Lower Upper
83 100
85 62.4 51.5 77.3

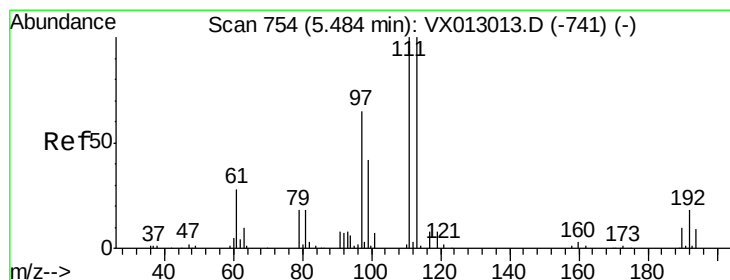
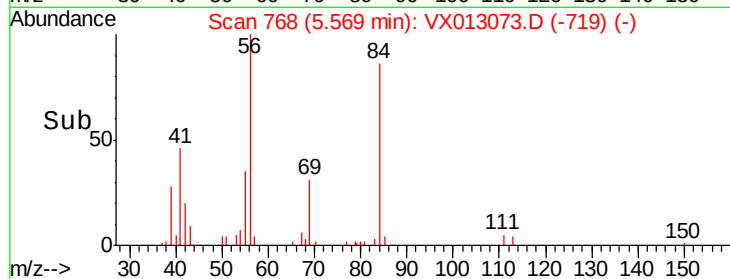
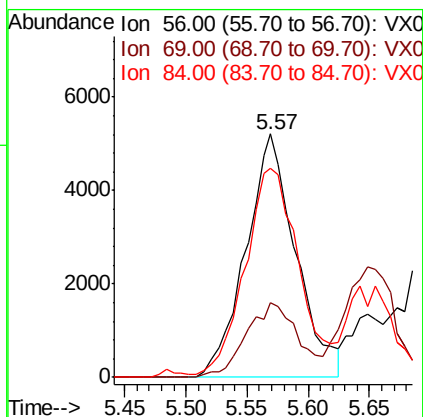
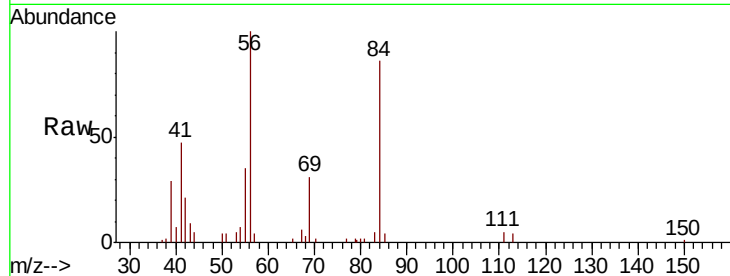




#31
Cyclohexane
Concen: 4.897 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

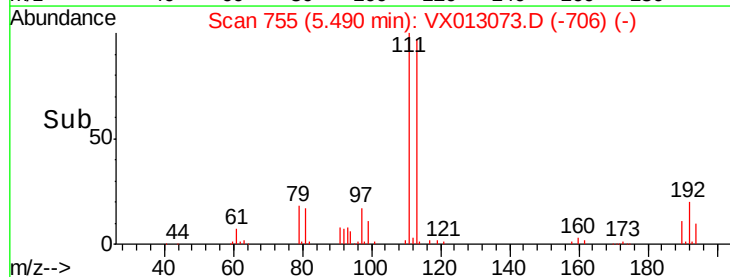
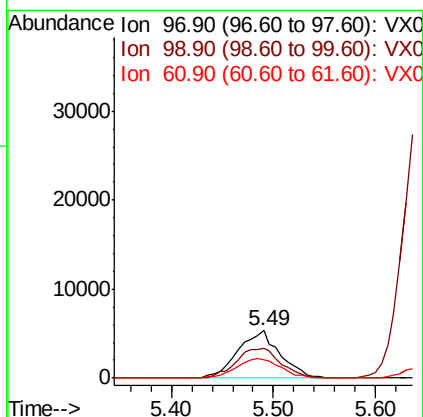
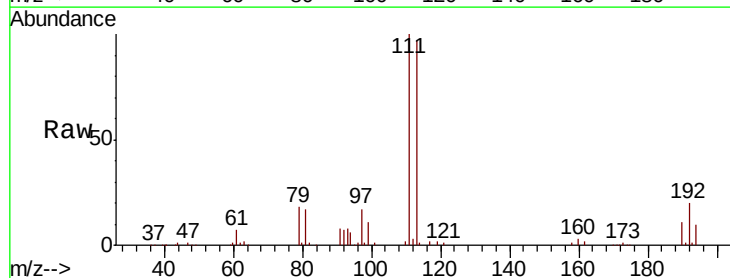
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

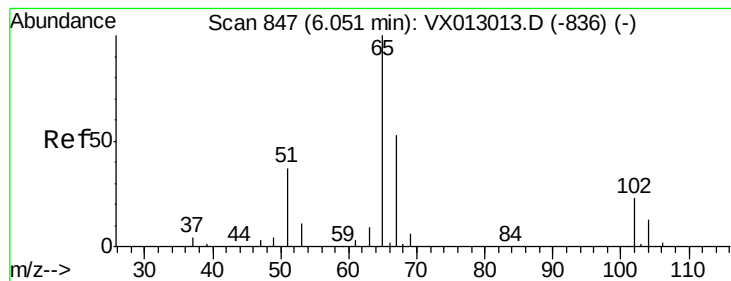
Tot Ion: 56 Resp: 14804
Ion Ratio Lower Upper
56 100
69 30.7 25.2 37.8
84 84.8 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 5.404 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion: 97 Resp: 15190
Ion Ratio Lower Upper
97 100
99 67.2 52.3 78.5
61 43.6 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 52.242 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

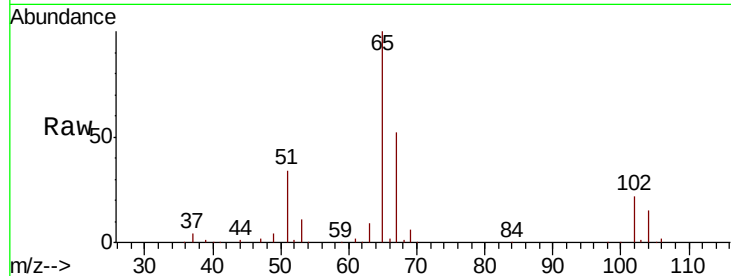
LOQ-WATER-02-QT4-2019

Tot Ion: 65 Resp: 108810

Ion Ratio Lower Upper

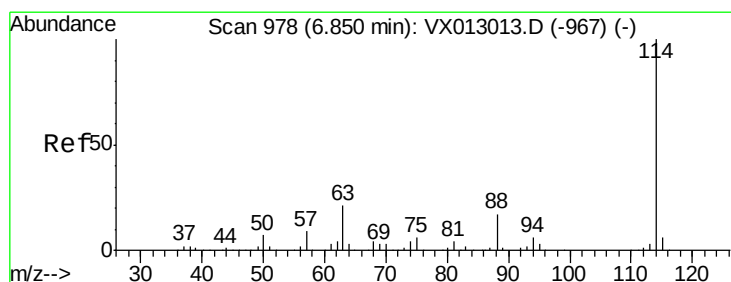
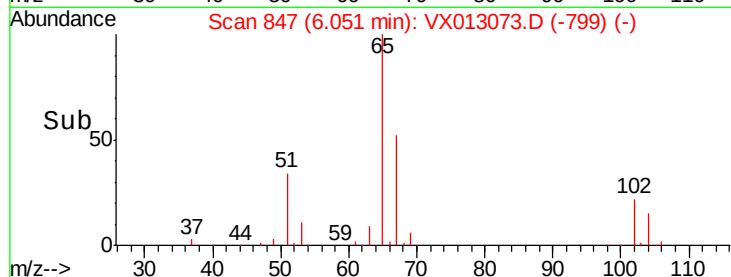
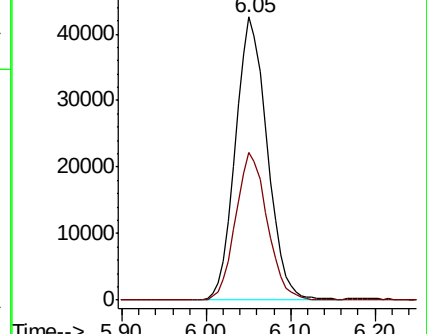
65 100

67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

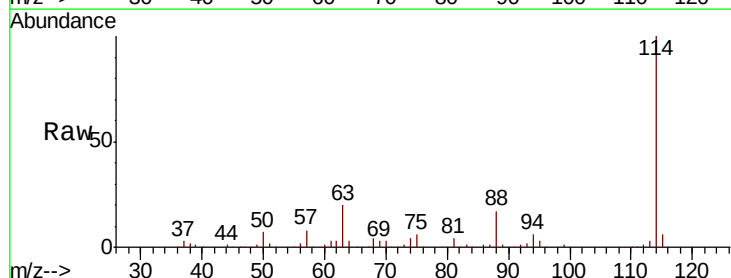
Tgt Ion: 114 Resp: 279815

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

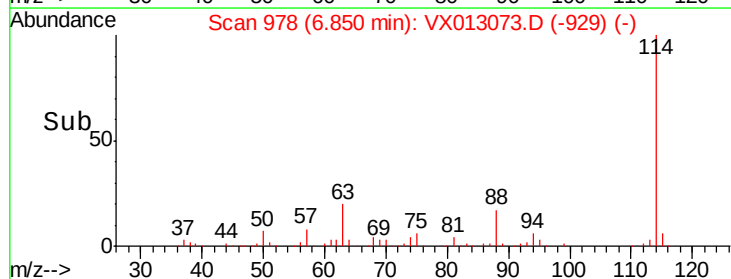
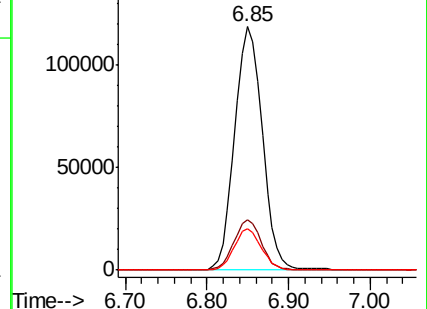
88 16.9 0.0 33.8

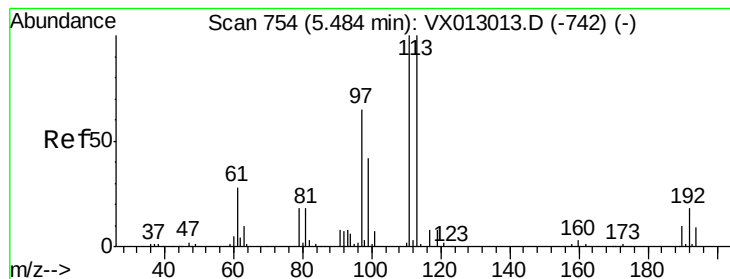


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.997 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2019

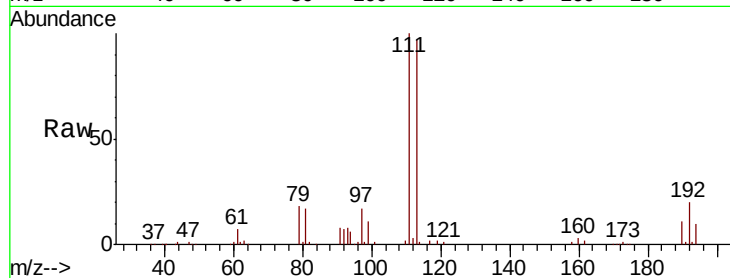
Tot Ion:113 Resp: 85113

Ion Ratio Lower Upper

113 100

111 103.5 83.2 124.8

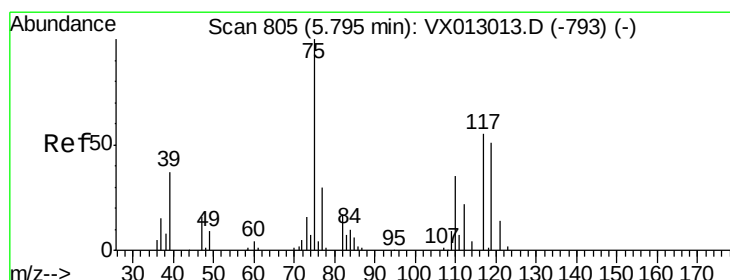
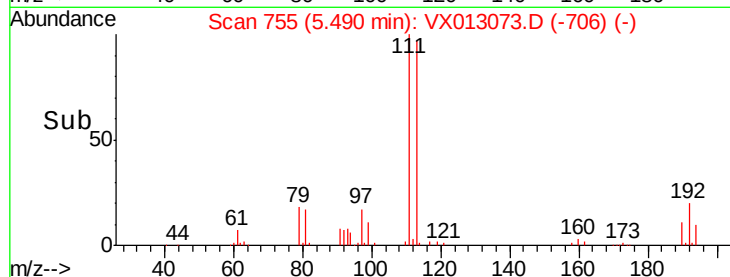
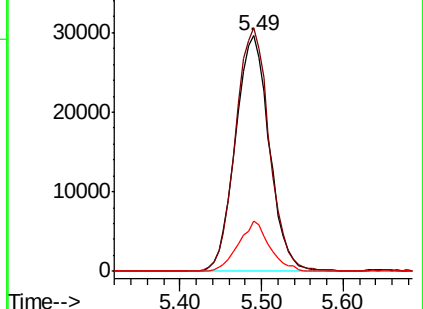
192 19.5 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.276 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

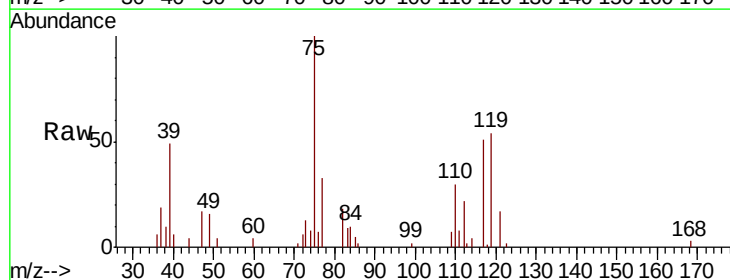
Tgt Ion: 75 Resp: 12979

Ion Ratio Lower Upper

75 100

110 36.6 17.6 52.9

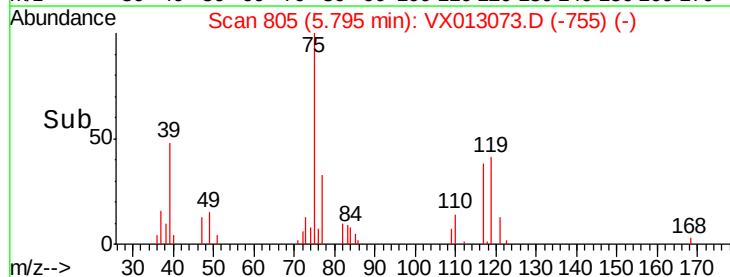
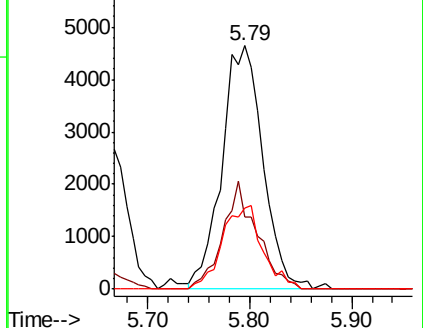
77 33.5 24.4 36.6

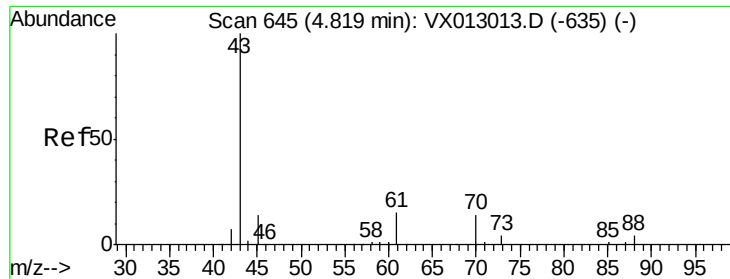


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

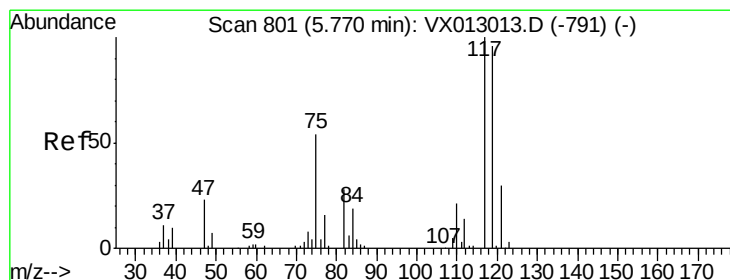
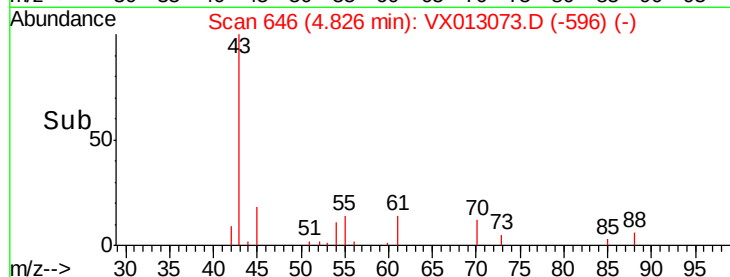
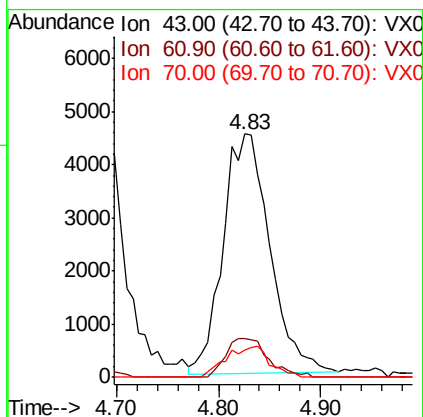
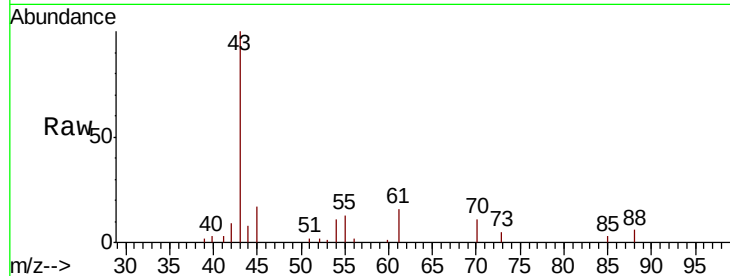




#37
Ethyl Acetate
Concen: 5.204 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

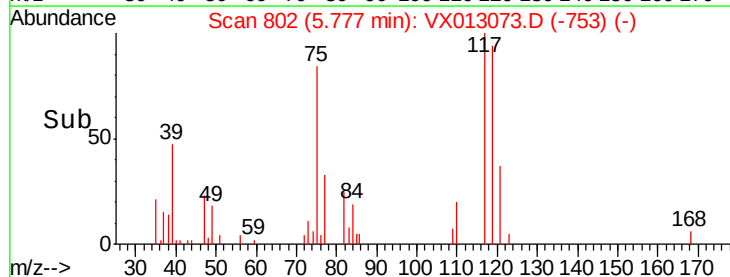
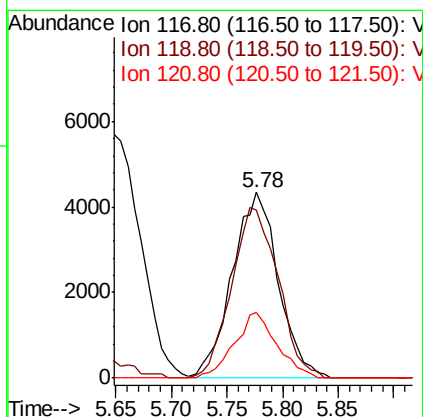
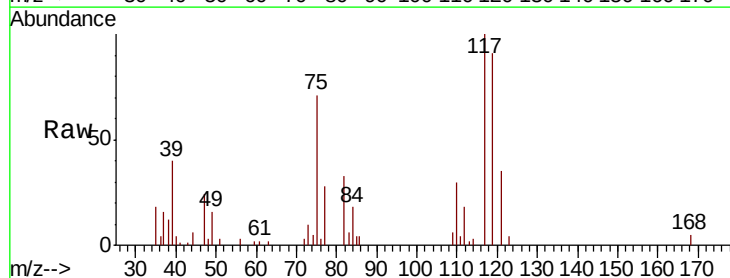
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

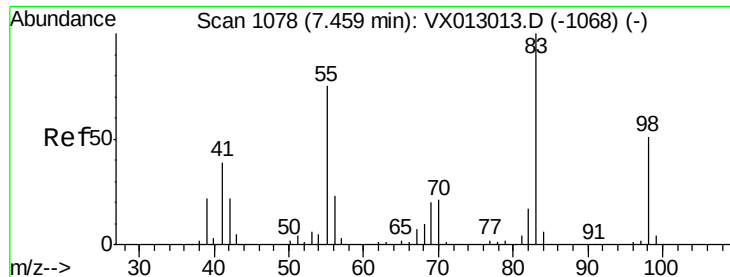
Tot Ion: 43 Resp: 14315
Ion Ratio Lower Upper
43 100
61 14.9 11.4 17.0
70 12.1 9.8 14.6



#38
Carbon Tetrachloride
Concen: 5.223 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion: 117 Resp: 12507
Ion Ratio Lower Upper
117 100
119 90.7 74.5 111.7
121 35.4 24.2 36.4

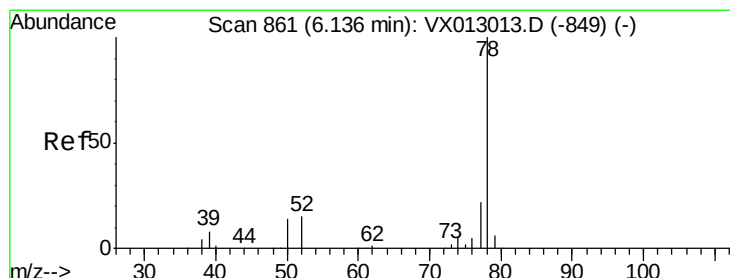
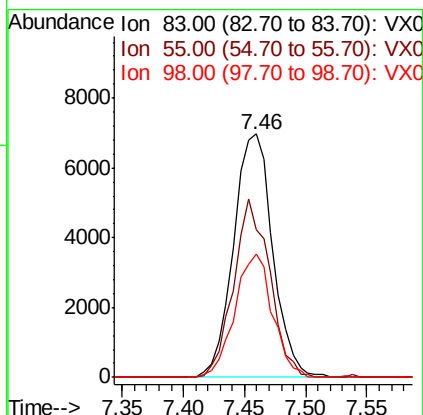
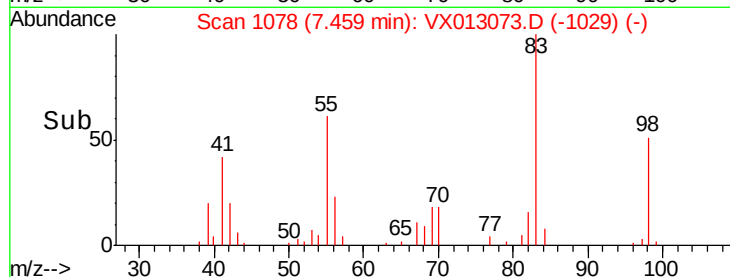
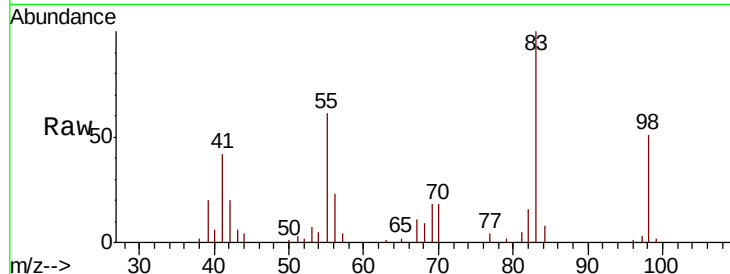




#39
Methylvlcyclohexane
Concen: 5.189 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

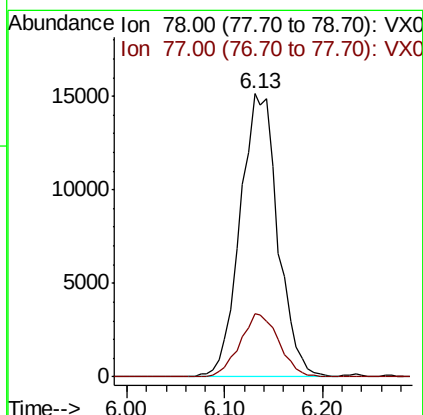
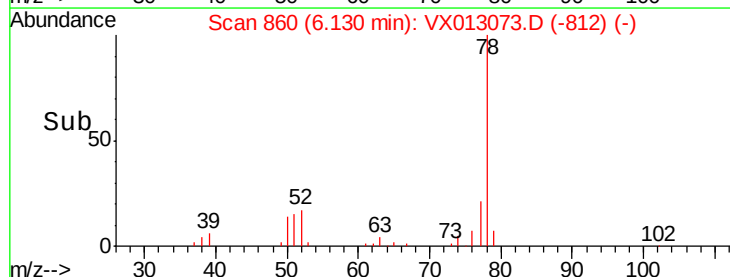
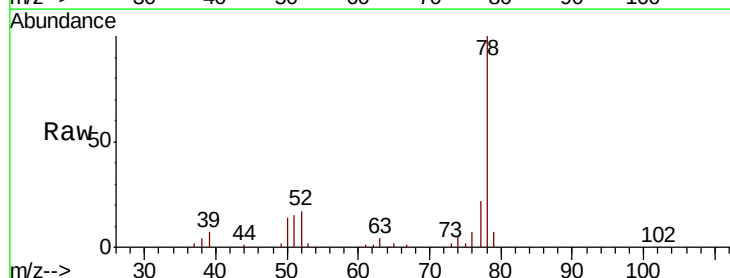
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

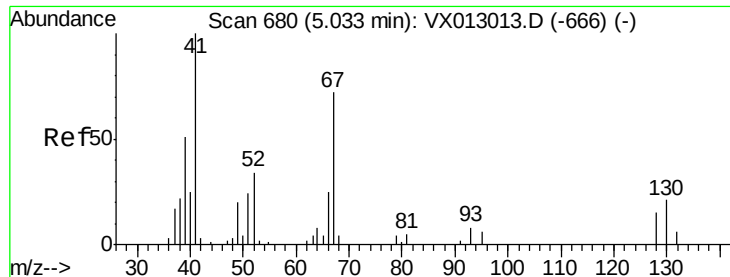
Tot Ion: 83 Resp: 15482
Ion Ratio Lower Upper
83 100
55 60.8 60.2 90.4
98 50.6 38.5 57.7



#40
Benzene
Concen: 5.569 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion: 78 Resp: 40465
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.4





#41

Methacrylonitrile

Concen: 4.871 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.01 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2019

Tot Ion: 41 Resp: 7363

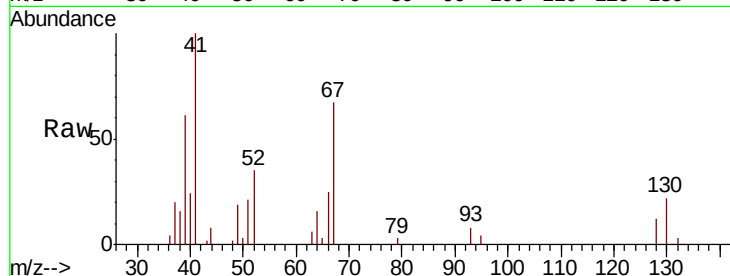
Ion Ratio Lower Upper

41 100

39 63.8 44.0 66.0

67 76.9 58.5 87.7

52 34.0 23.8 35.8

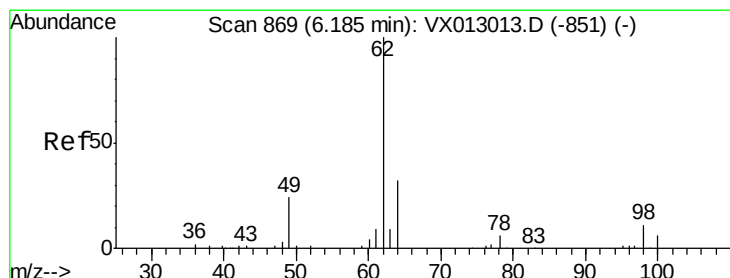
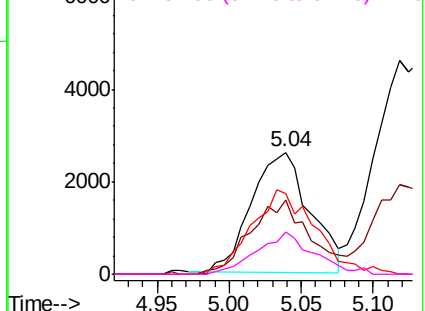
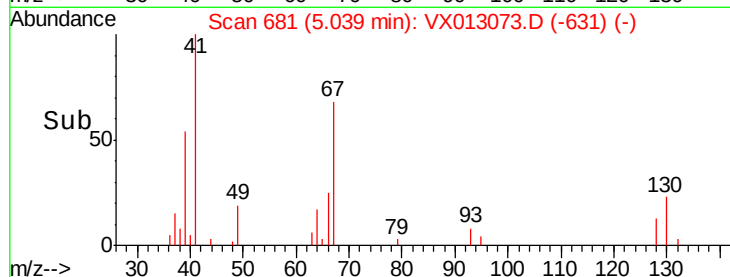


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 5.786 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX013073.D

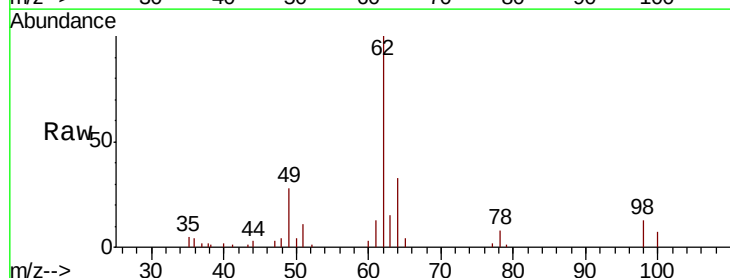
Acq: 15 Oct 2019 13:21

Tgt Ion: 62 Resp: 15087

Ion Ratio Lower Upper

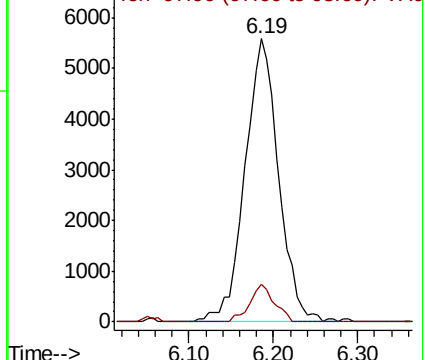
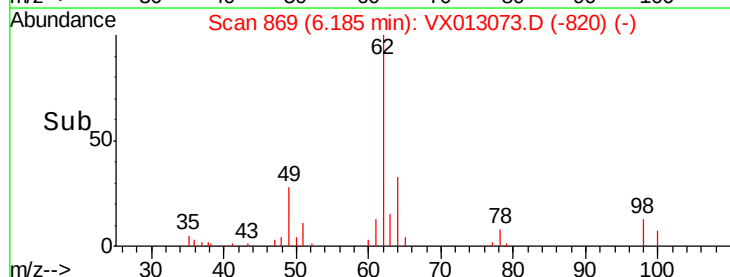
62 100

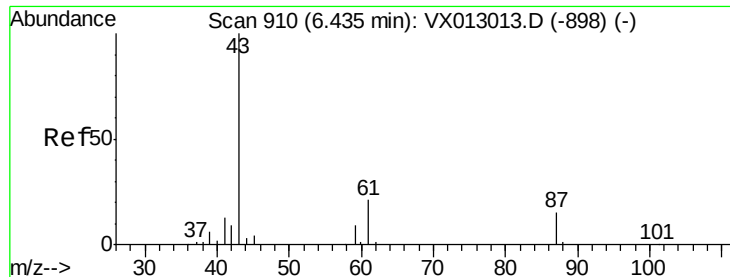
98 9.6 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 5.110 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2019

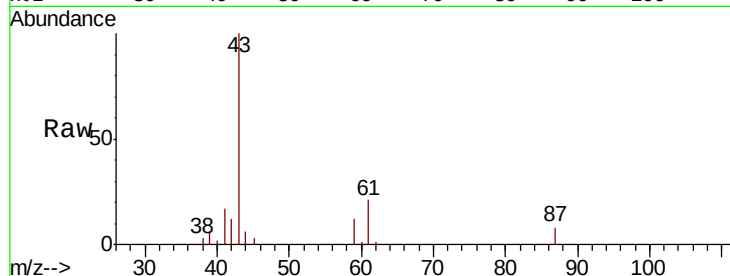
Tot Ion: 43 Resp: 22563

Ion Ratio Lower Upper

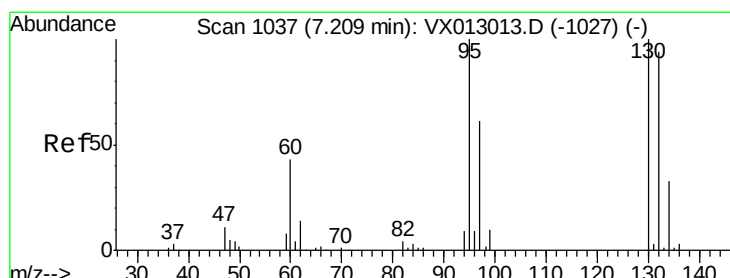
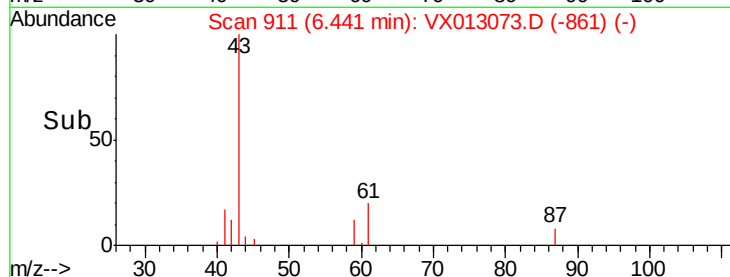
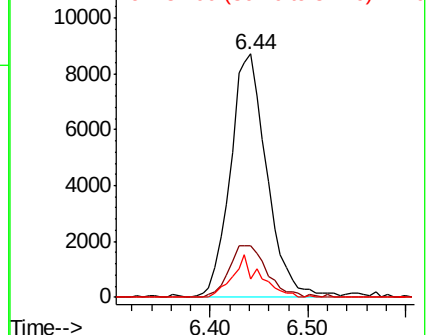
43 100

61 21.8 16.6 24.8

87 13.1 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.231 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX013073.D

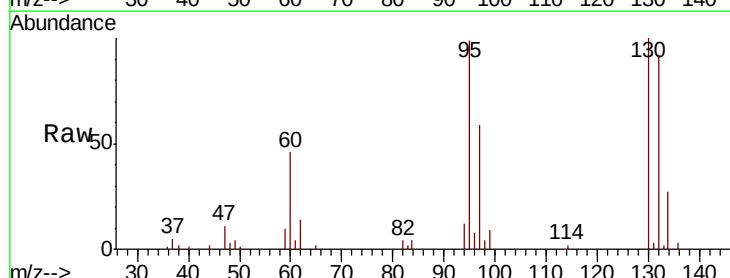
Acq: 15 Oct 2019 13:21

Tgt Ion: 130 Resp: 10539

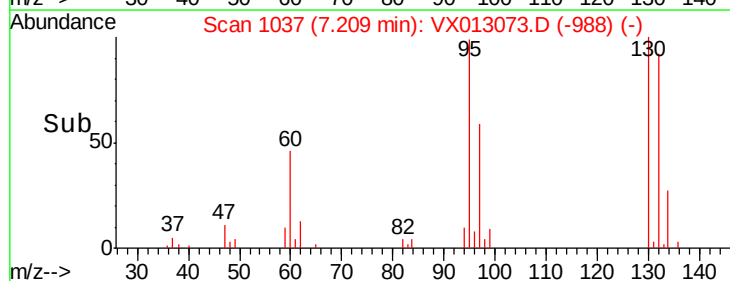
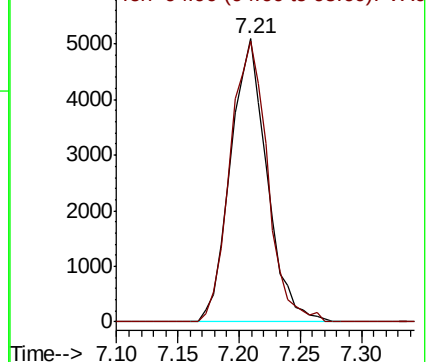
Ion Ratio Lower Upper

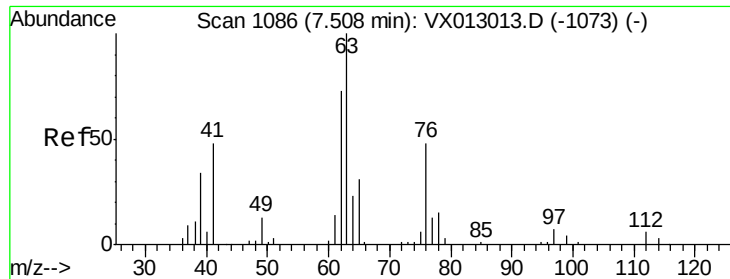
130 100

95 99.1 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

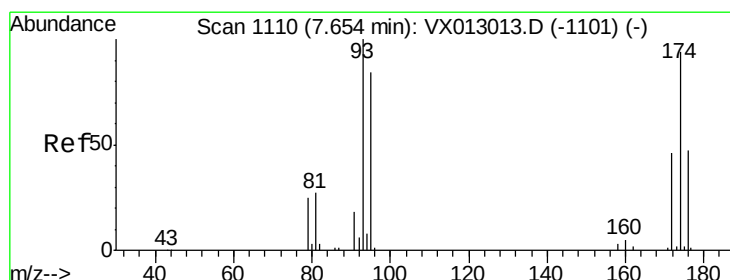
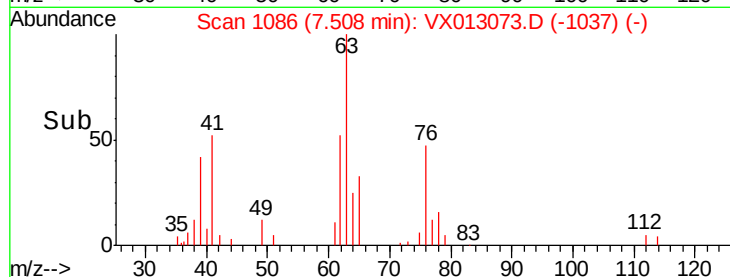
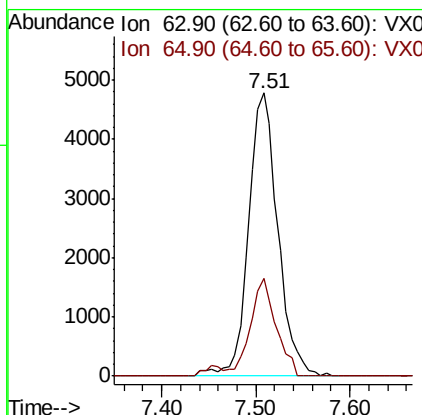
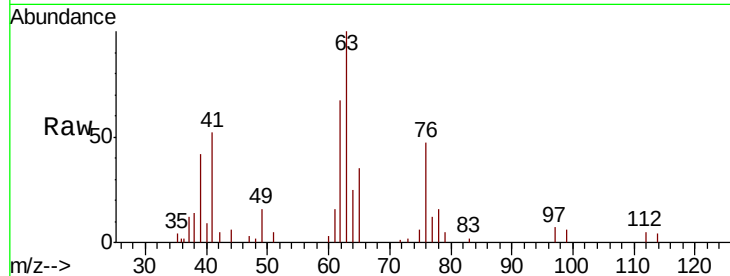




#45
 1,2-Dichloropropane
 Concen: 5.661 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

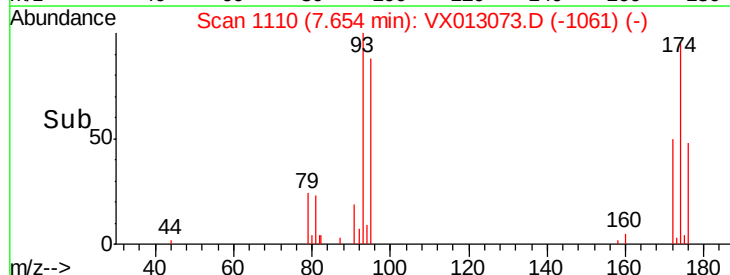
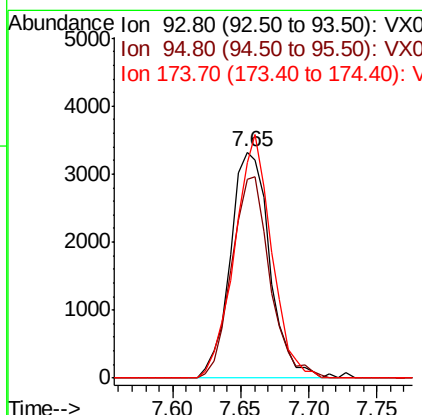
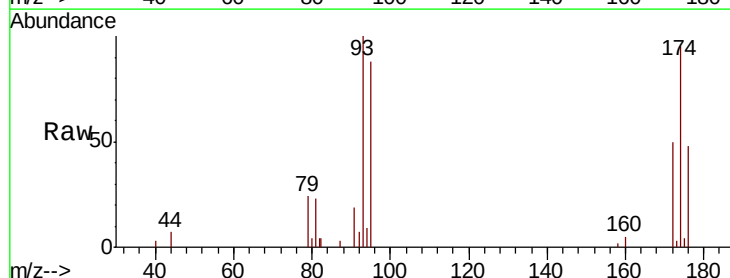
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

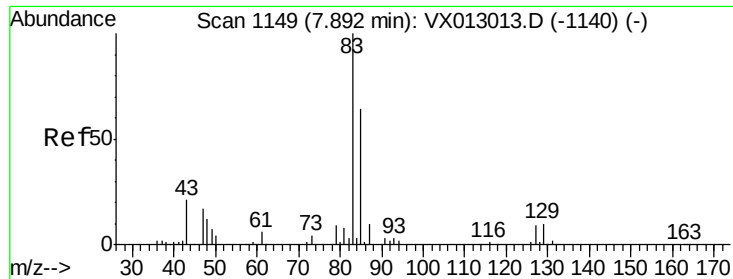
Tot Ion: 63 Resp: 10483
 Ion Ratio Lower Upper
 63 100
 65 34.5 24.6 37.0



#46
 Dibromomethane
 Concen: 5.450 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

Tgt Ion: 93 Resp: 6724
 Ion Ratio Lower Upper
 93 100
 95 86.5 66.3 99.5
 174 101.0 77.8 116.6





#47

Bromodichloromethane

Concen: 5.051 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2019

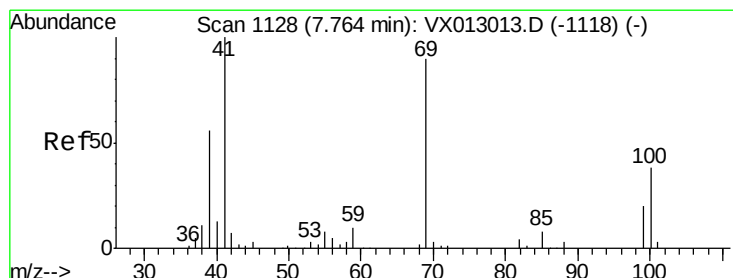
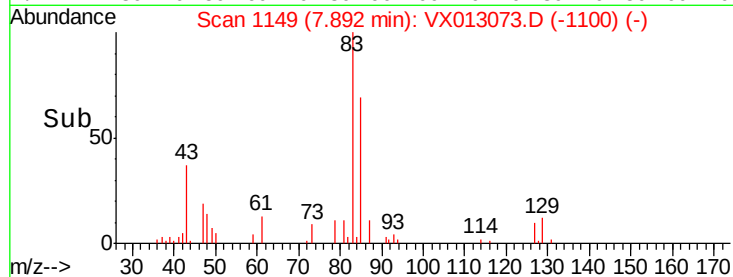
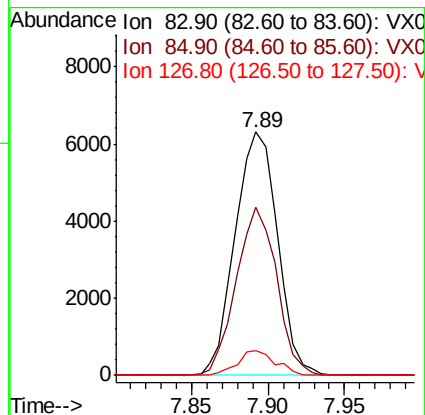
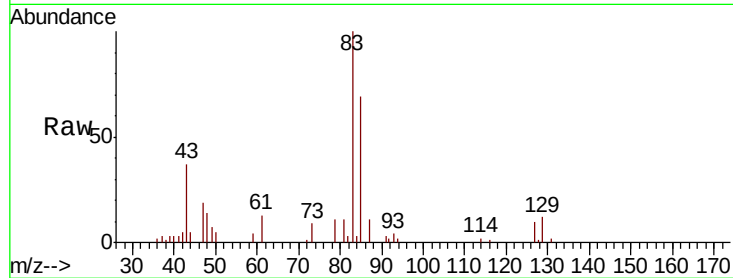
Tot Ion: 83 Resp: 12161

Ion Ratio Lower Upper

83 100

85 69.1 52.4 78.6

127 10.0 6.6 10.0#



#48

Methyl methacrylate

Concen: 5.024 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

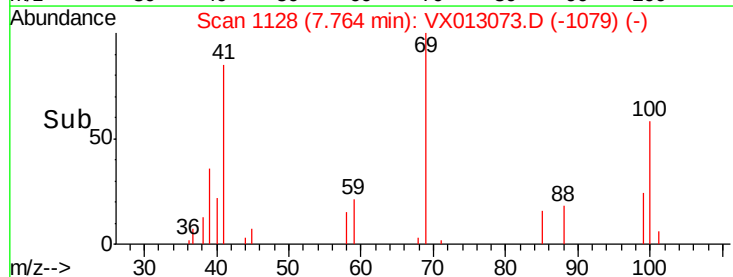
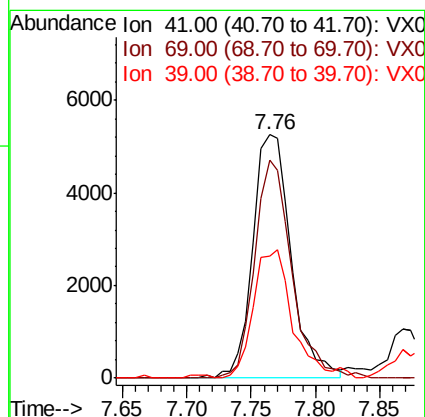
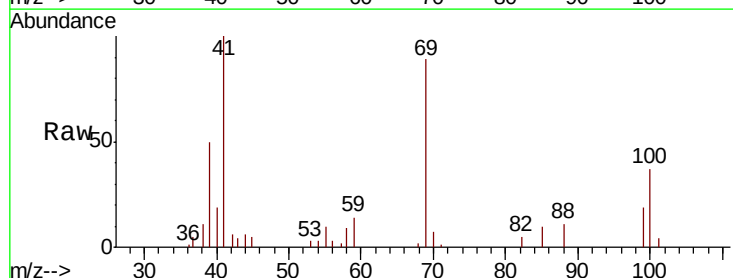
Tgt Ion: 41 Resp: 10810

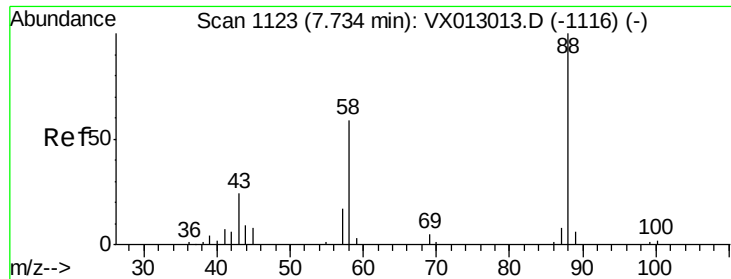
Ion Ratio Lower Upper

41 100

69 86.7 68.7 103.1

39 52.9 44.3 66.5

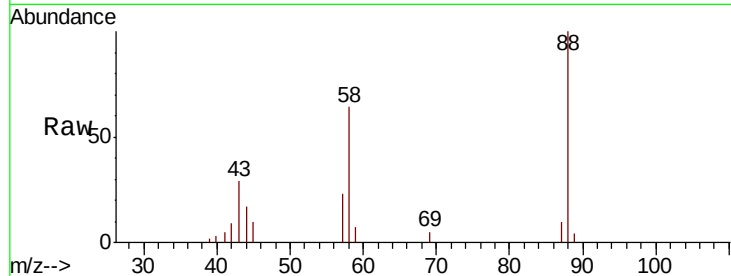




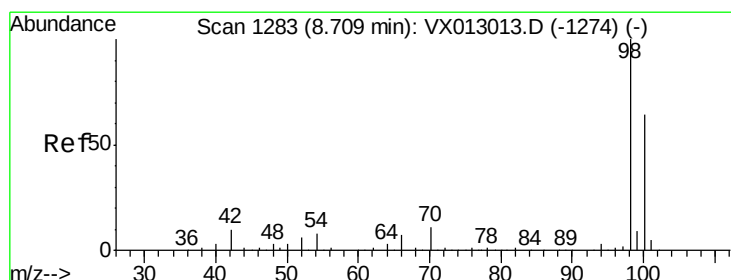
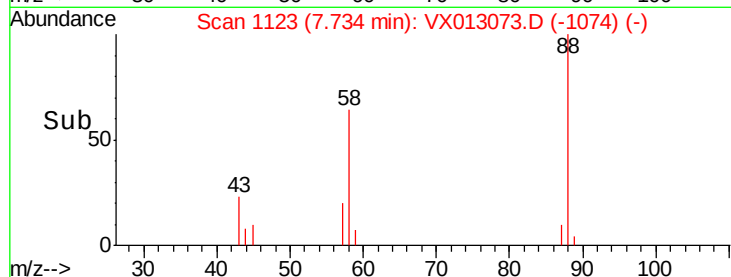
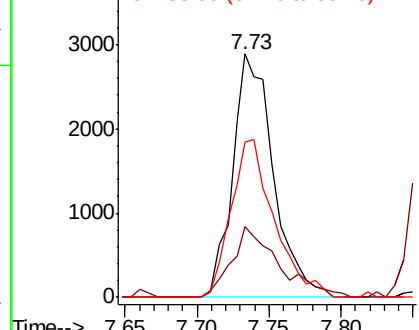
#49
1,4-Dioxane
Concen: 130.222 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion: 88 Resp: 5693
Ion Ratio Lower Upper
88 100
43 33.9 25.0 37.6
58 68.5 55.4 83.2

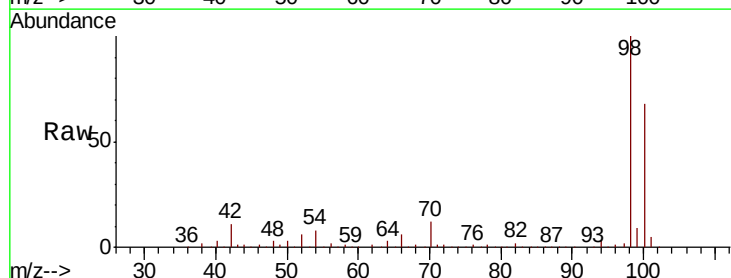


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

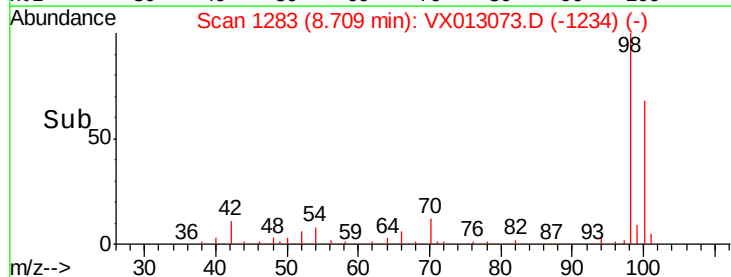
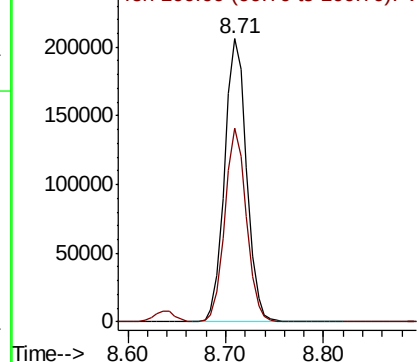


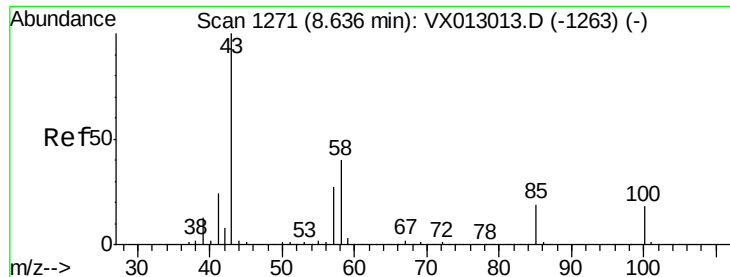
#50
Toluene-d8
Concen: 51.371 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion: 98 Resp: 321776
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 26.458 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

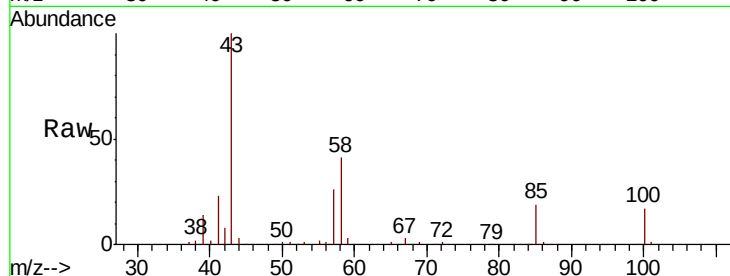
LOQ-WATER-02-QT4-2019

Tot Ion: 43 Resp: 72834

Ion Ratio Lower Upper

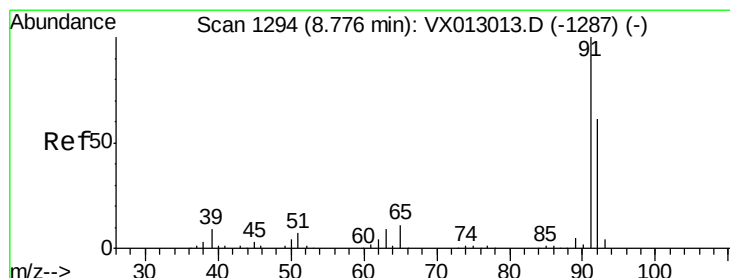
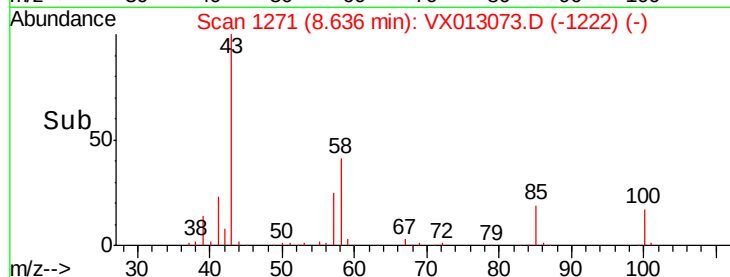
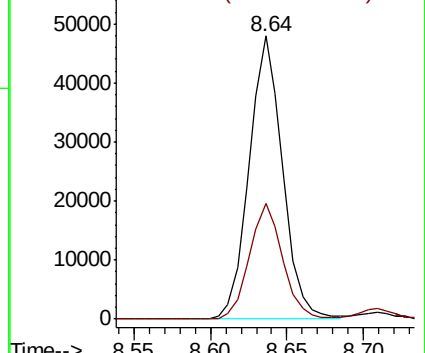
43 100

58 40.7 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 5.464 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013073.D

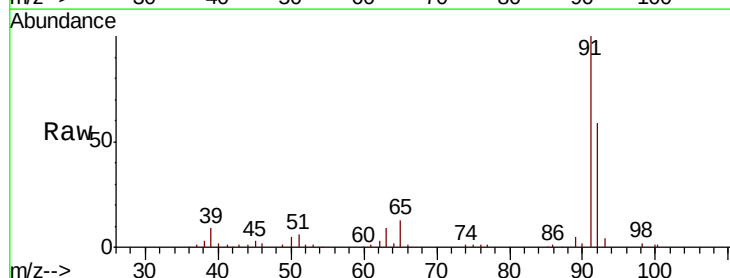
Acq: 15 Oct 2019 13:21

Tgt Ion: 92 Resp: 25401

Ion Ratio Lower Upper

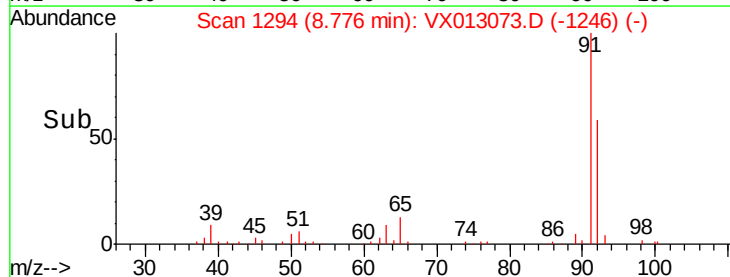
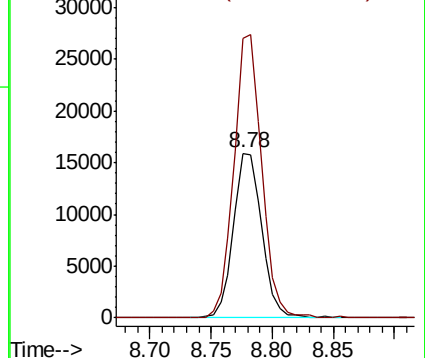
92 100

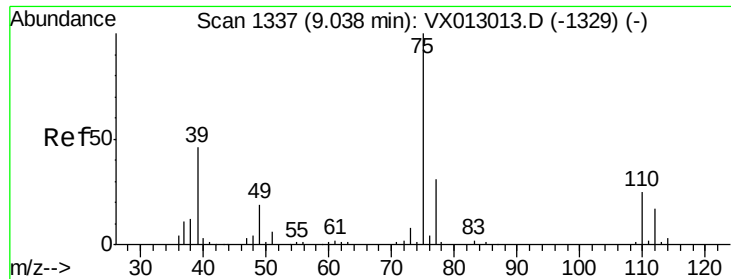
91 168.6 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

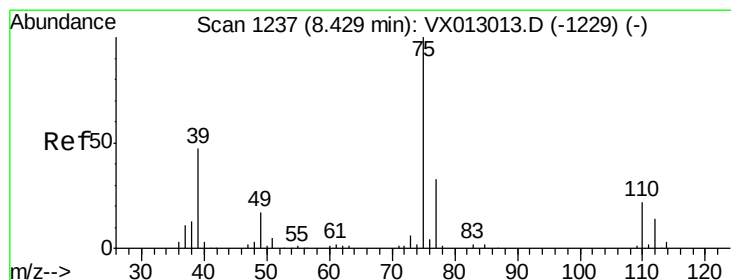
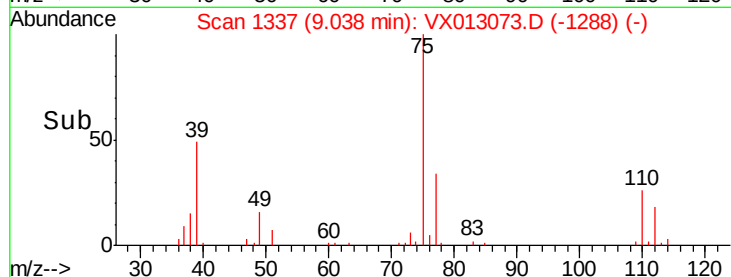
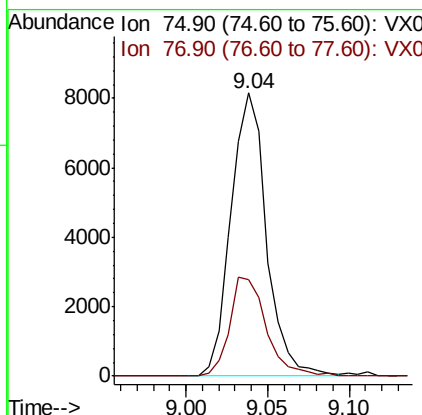
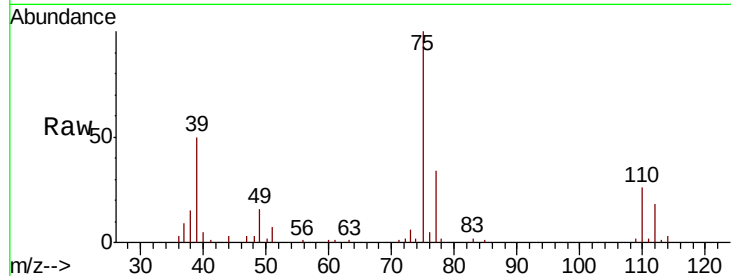




#53
 t-1,3-Dichloropropene
 Concen: 6.107 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

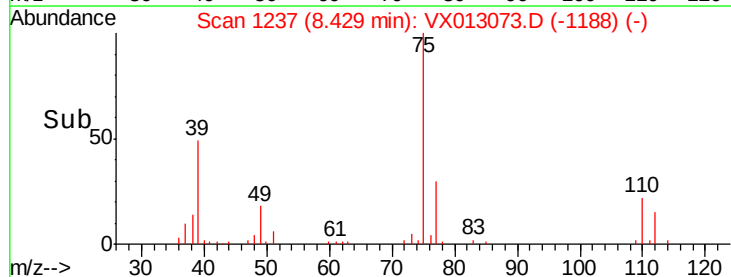
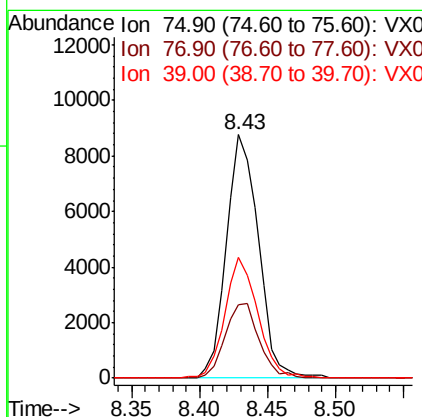
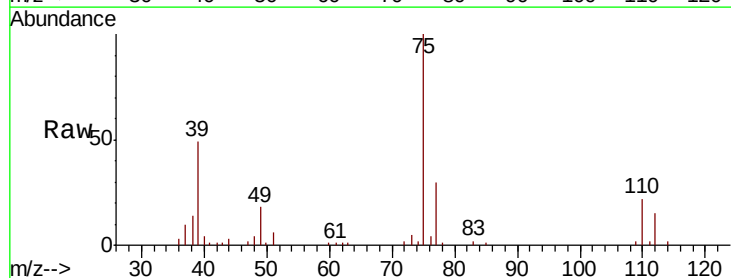
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

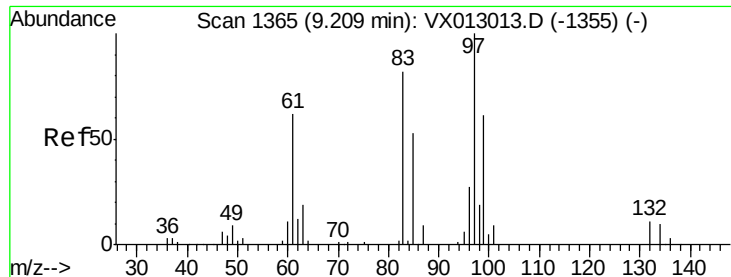
Tot Ion: 75 Resp: 12369
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 4.860 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

Tgt Ion: 75 Resp: 14392
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.8 38.8
 39 49.4 38.2 57.2

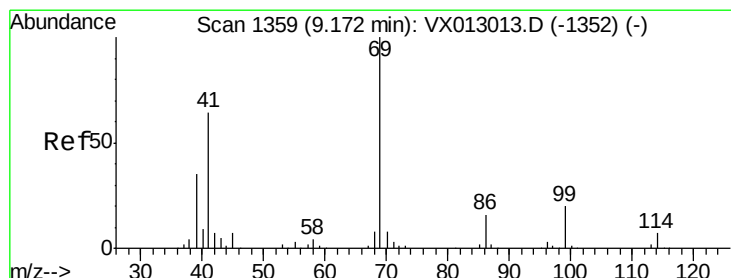
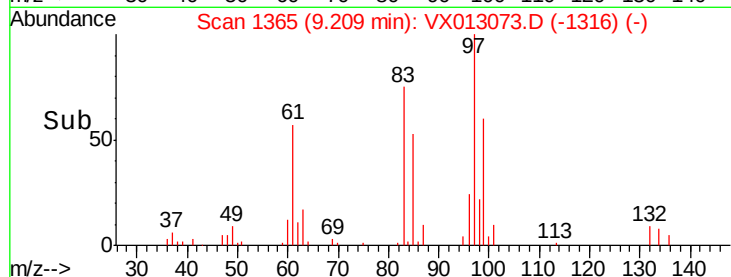
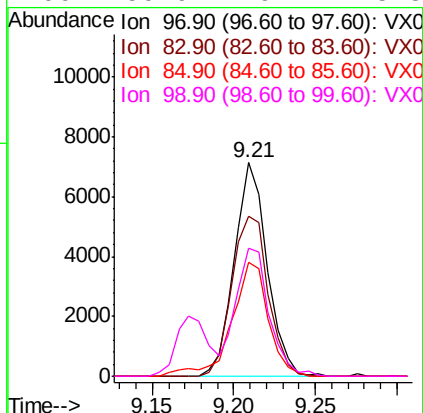
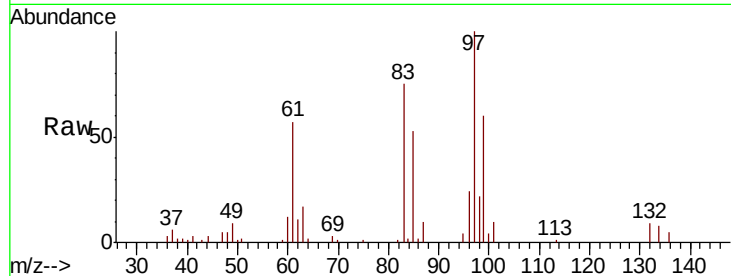




#55
 1,1,2-Trichloroethane
 Concen: 5.452 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

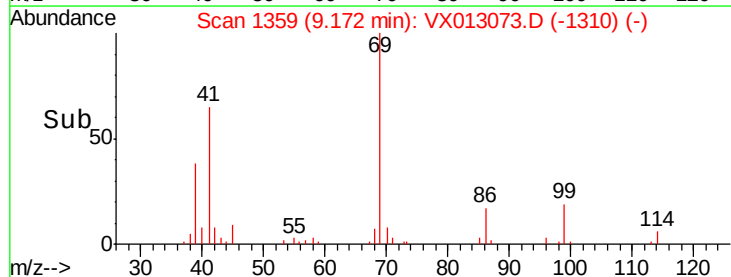
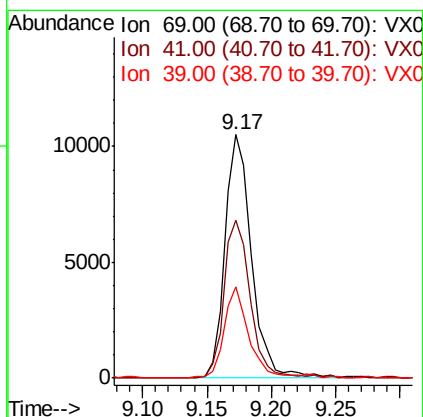
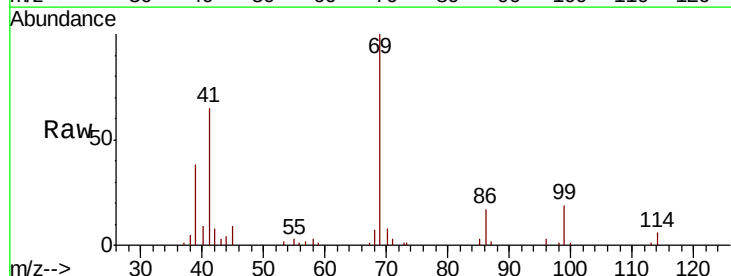
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

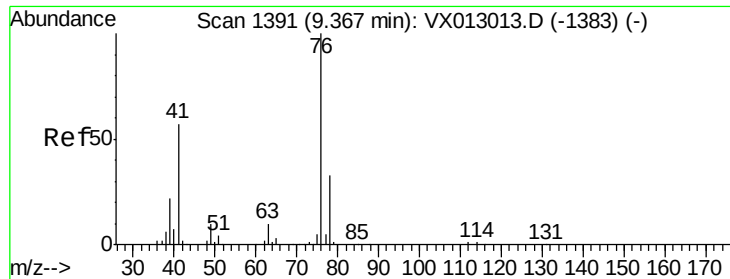
Tot Ion:	97	Resp:	10030
Ion	Ratio	Lower	Upper
97	100		
83	74.9	66.5	99.7
85	53.1	43.1	64.7
99	59.9	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 6.301 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

Tgt Ion:	69	Resp:	15282
Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.1	78.1
39	34.9	27.8	41.8

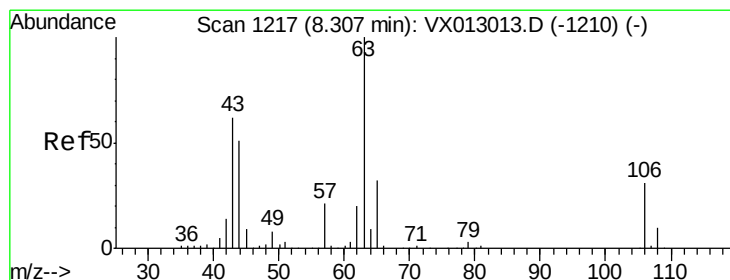
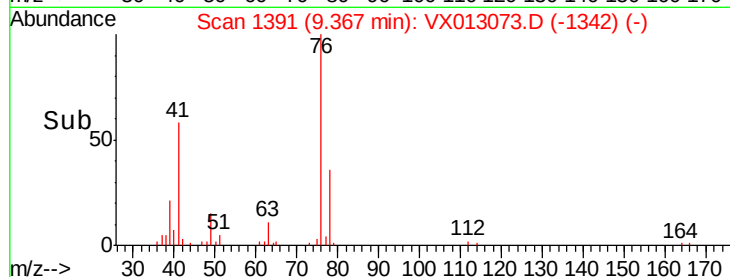
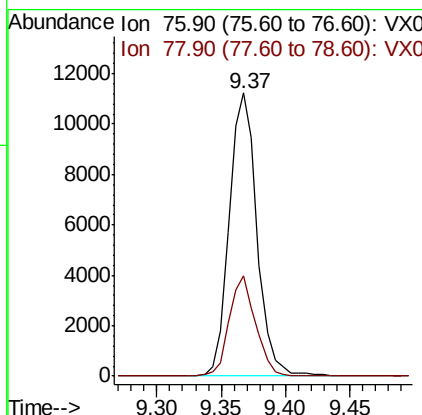
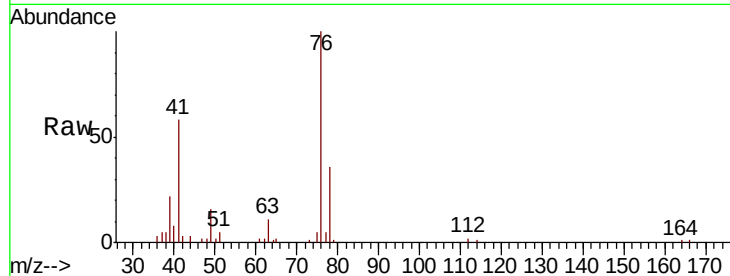




#57
 1,3-Dichloropropane
 Concen: 5.301 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

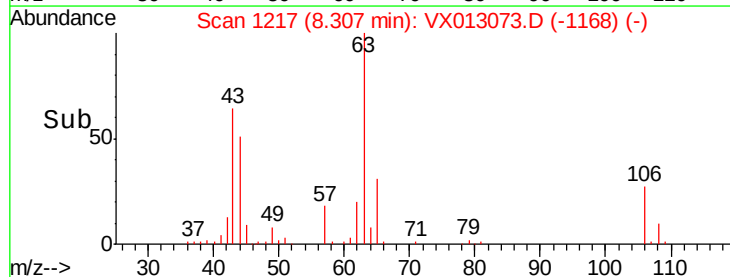
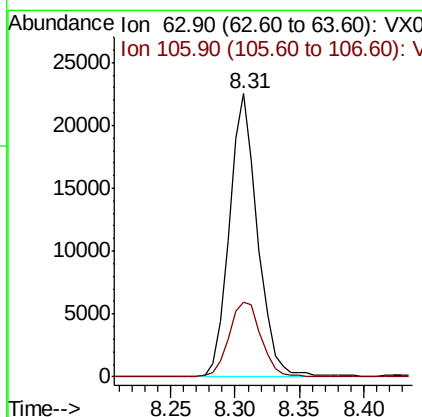
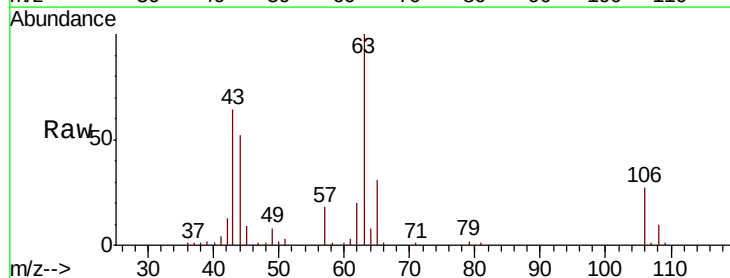
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

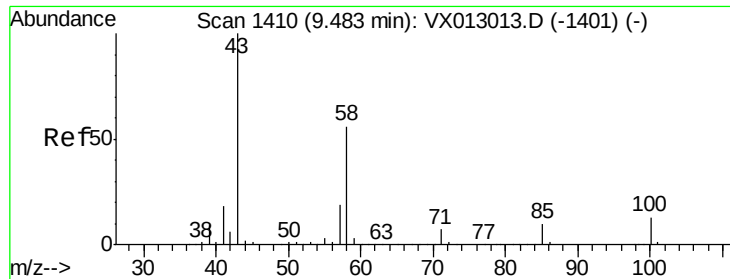
Tot Ion: 76 Resp: 16868
 Ion Ratio Lower Upper
 76 100
 78 33.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.508 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

Tgt Ion: 63 Resp: 34472
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.8 35.8

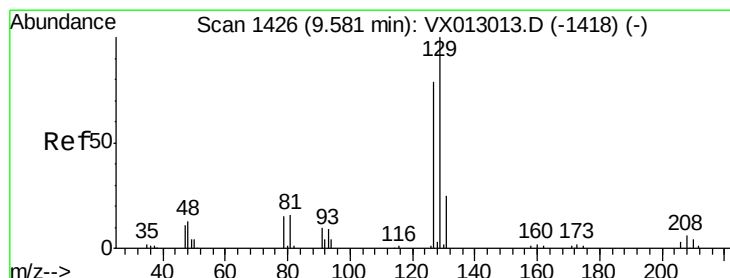
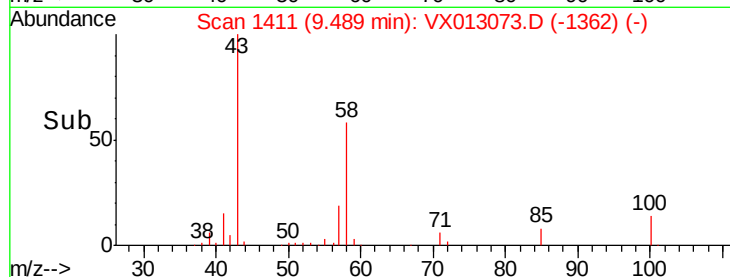
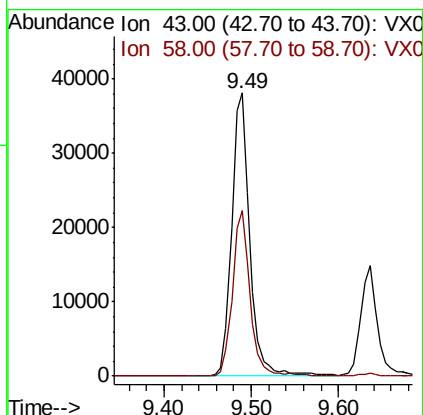
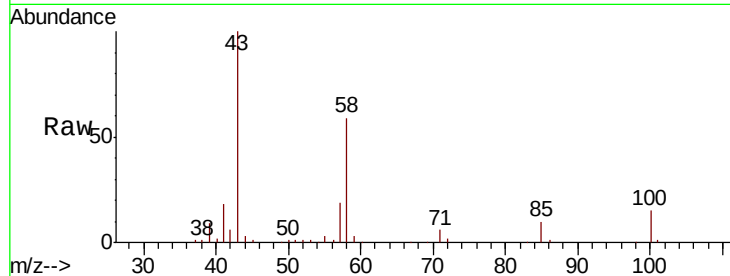




#59
2-Hexanone
Concen: 25.761 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

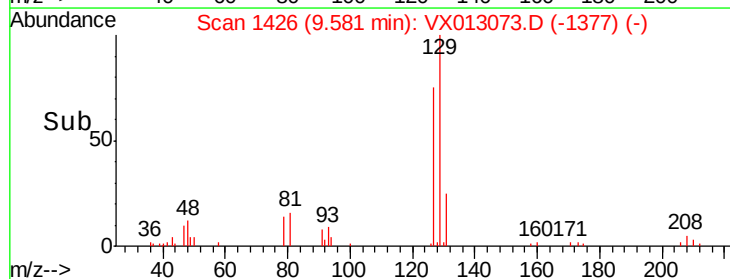
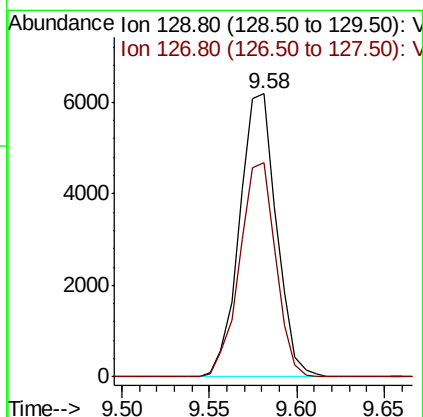
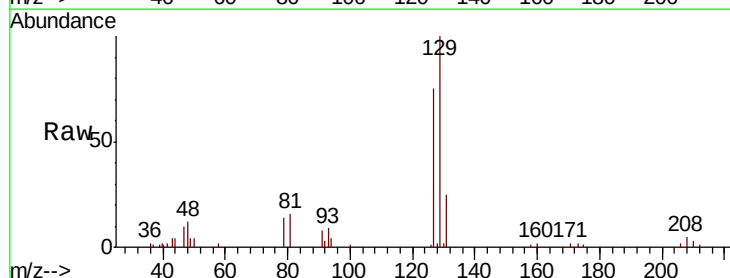
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

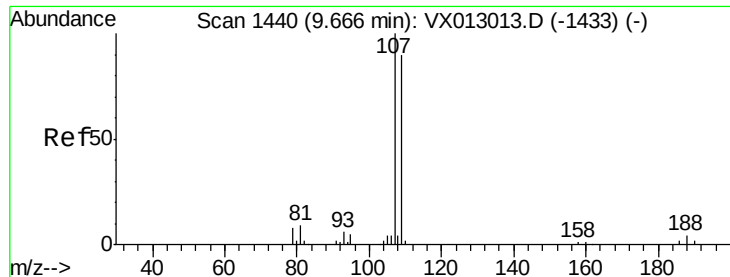
Tot Ion: 43 Resp: 55203
Ion Ratio Lower Upper
43 100
58 56.9 28.1 84.3



#60
Dibromochloromethane
Concen: 6.133 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion:129 Resp: 9091
Ion Ratio Lower Upper
129 100
127 74.0 38.9 116.7

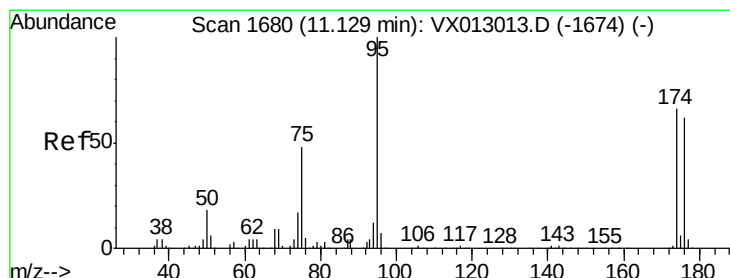
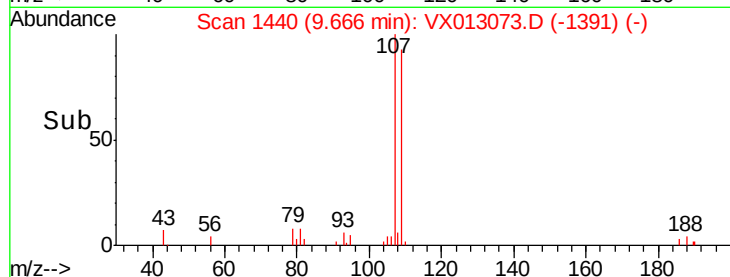
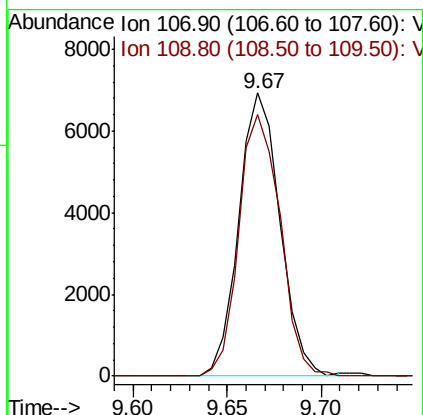
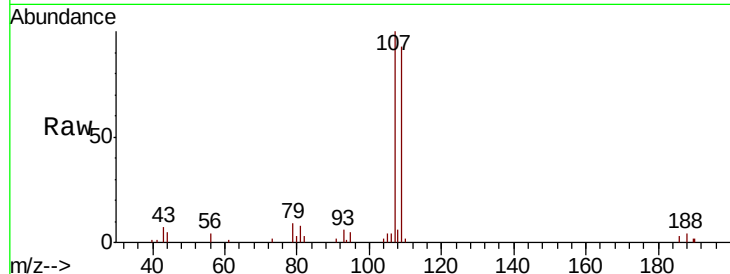




#61
 1,2-Dibromoethane
 Concen: 5.438 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

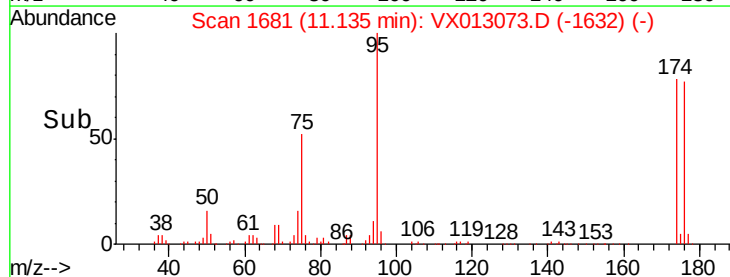
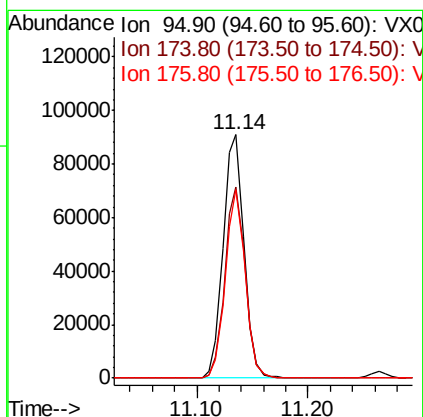
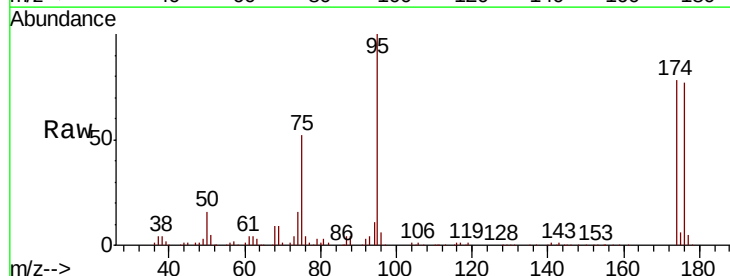
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

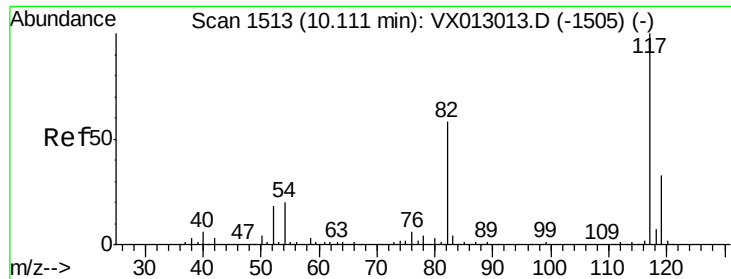
Tot Ion: 107 Resp: 10523
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 48.346 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

Tgt Ion: 95 Resp: 117666
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 143.4
 176 73.5 0.0 136.0

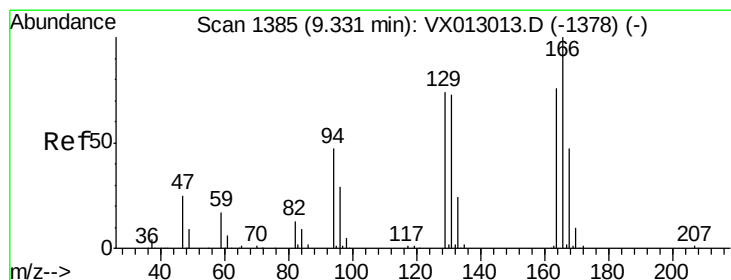
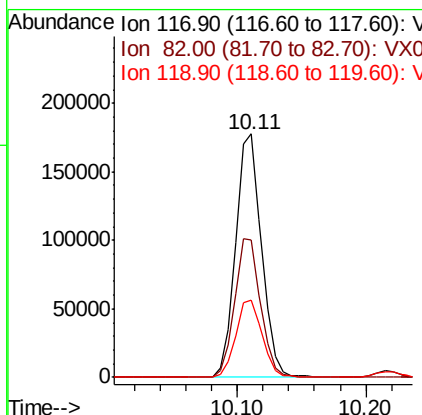
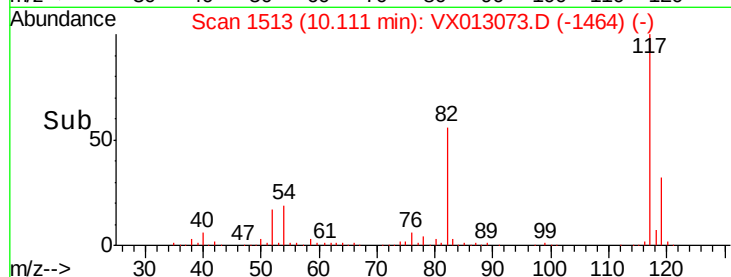
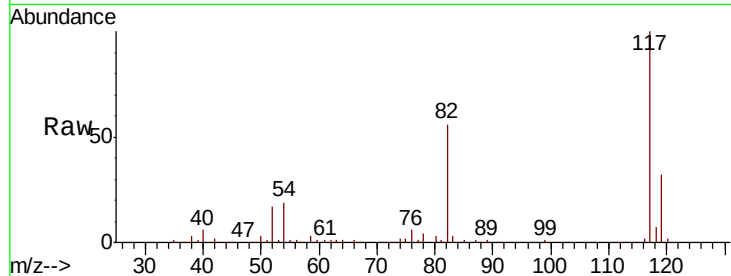




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

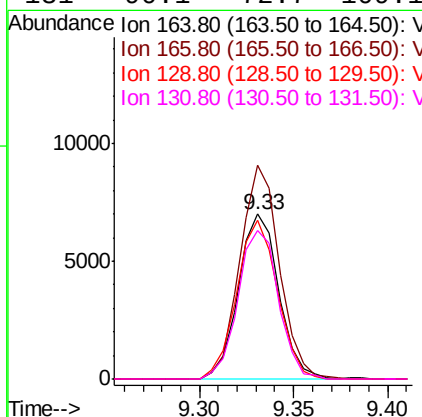
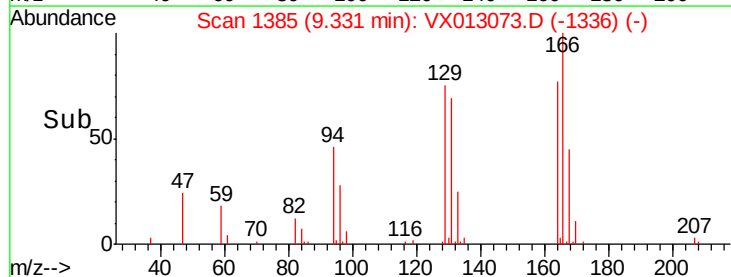
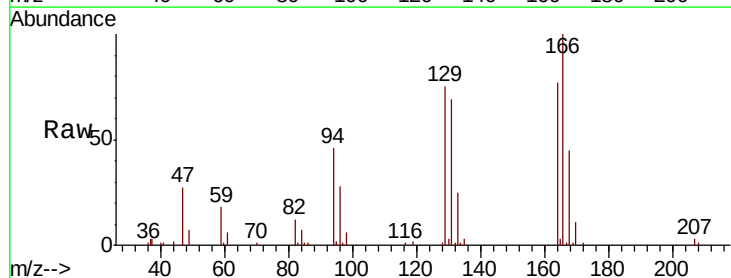
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

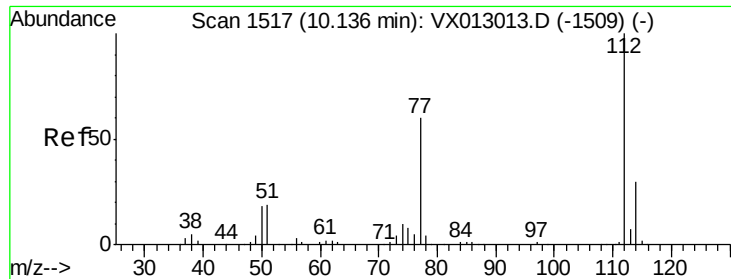
Tot Ion:117 Resp: 247436
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 6.048 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion:164 Resp: 10379
Ion Ratio Lower Upper
164 100
166 129.7 96.9 145.3
129 96.6 77.9 116.9
131 90.1 72.7 109.1

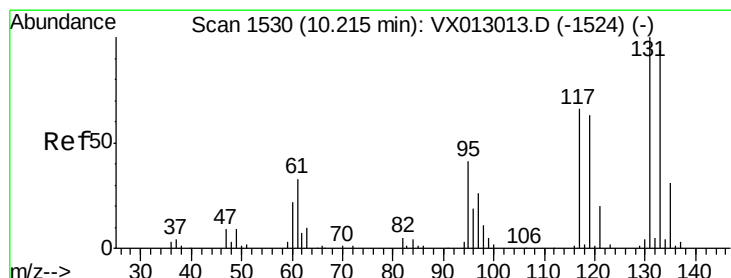
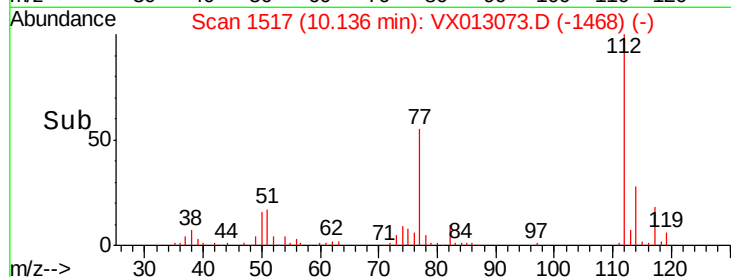
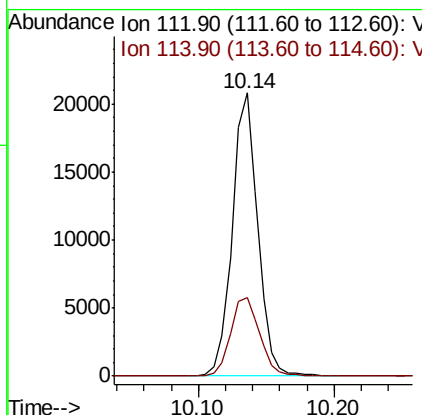
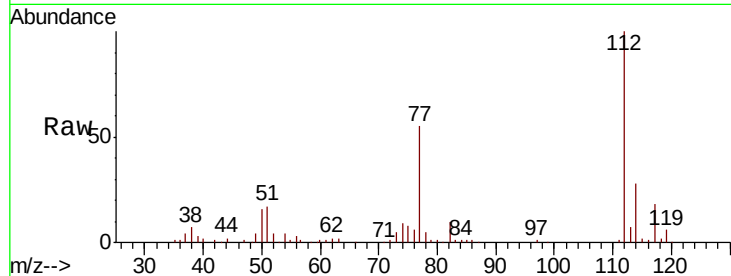




#65
Chlorobenzene
Concen: 5.517 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

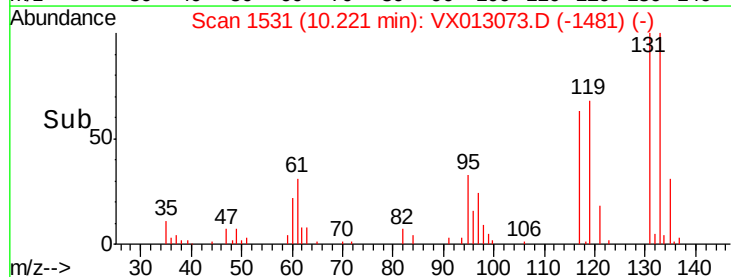
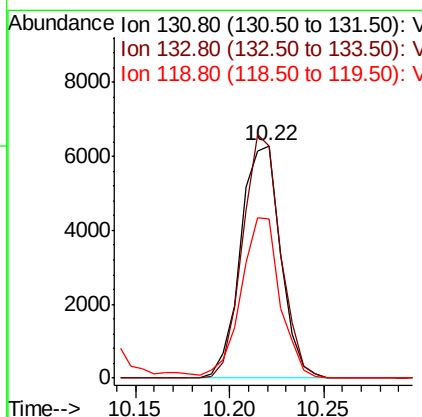
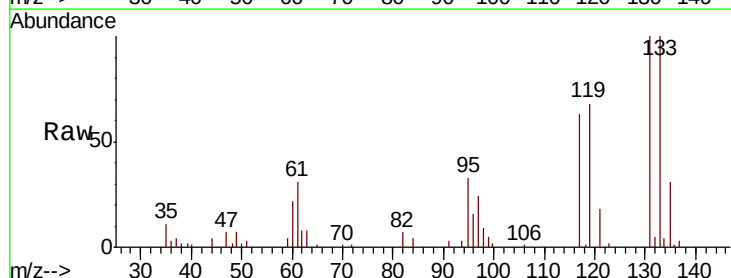
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

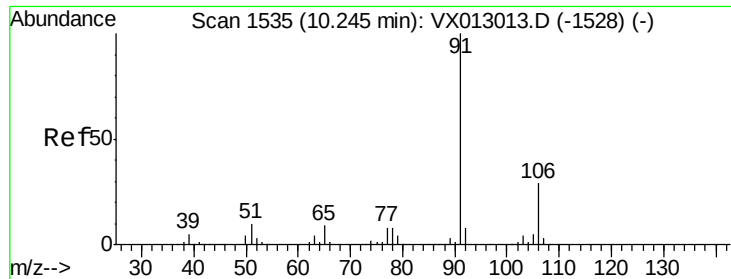
Tot Ion:112 Resp: 27107
Ion Ratio Lower Upper
112 100
114 27.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 5.431 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion:131 Resp: 9252
Ion Ratio Lower Upper
131 100
133 99.1 47.2 141.6
119 67.3 32.6 98.0

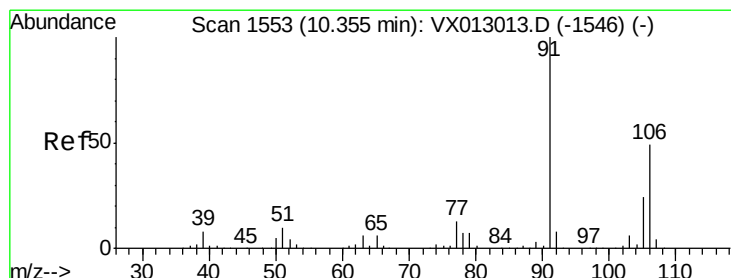
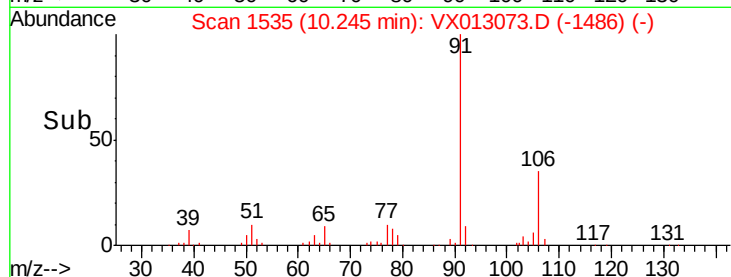
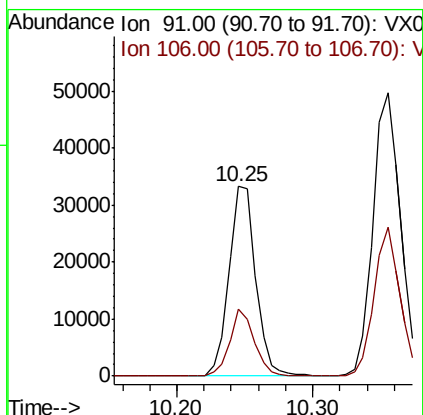
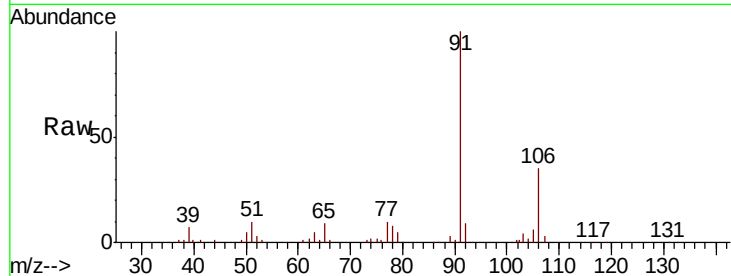




#67
Ethyl Benzene
Concen: 5.248 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

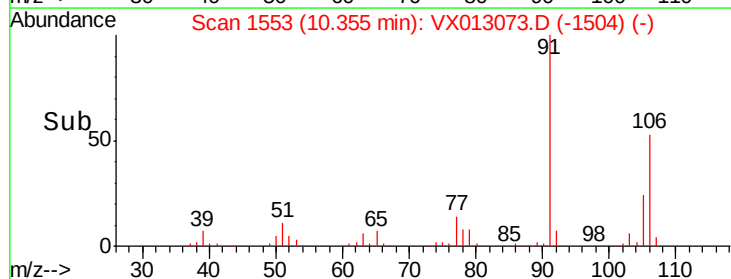
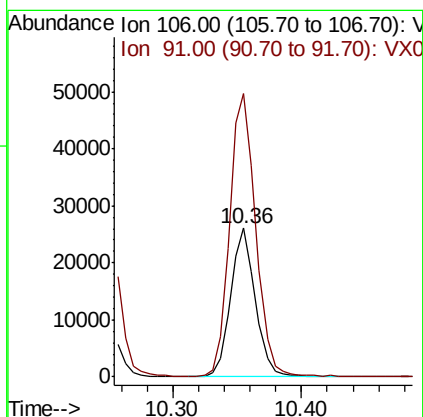
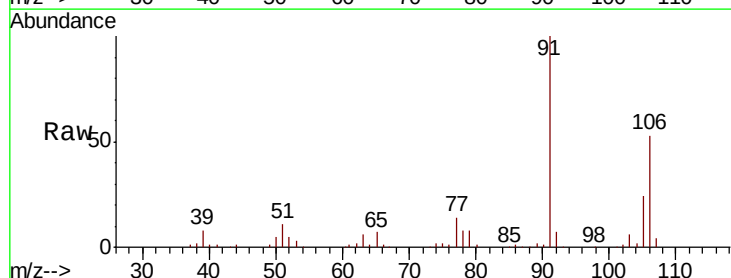
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

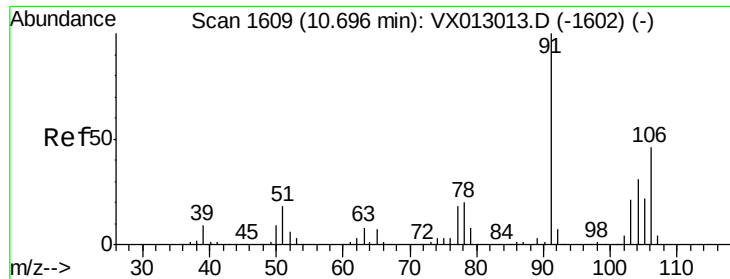
Tot Ion: 91 Resp: 45803
Ion Ratio Lower Upper
91 100
106 35.1 23.9 35.9



#68
m/p-Xylenes
Concen: 10.766 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion: 106 Resp: 35103
Ion Ratio Lower Upper
106 100
91 200.8 165.3 247.9

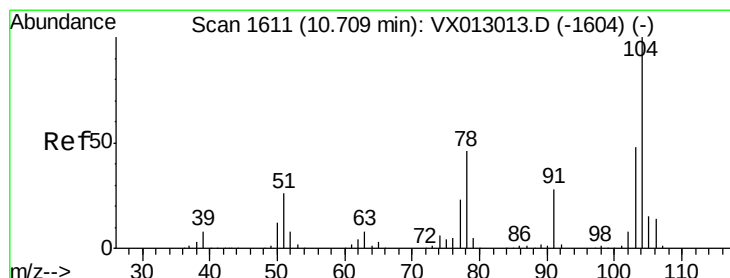
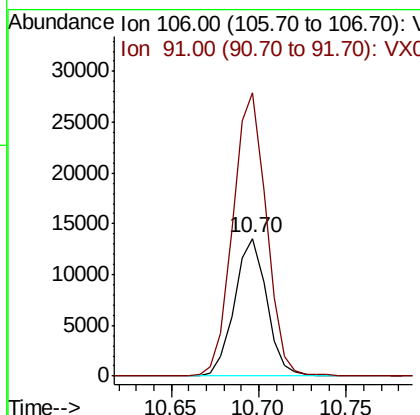
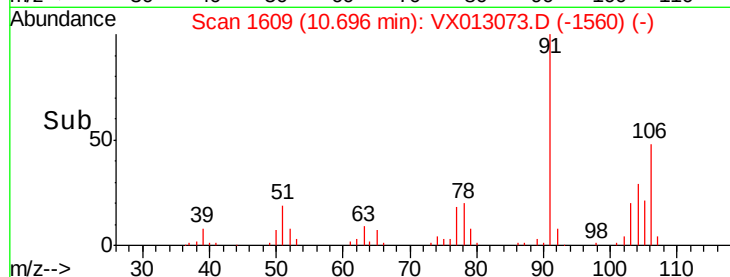
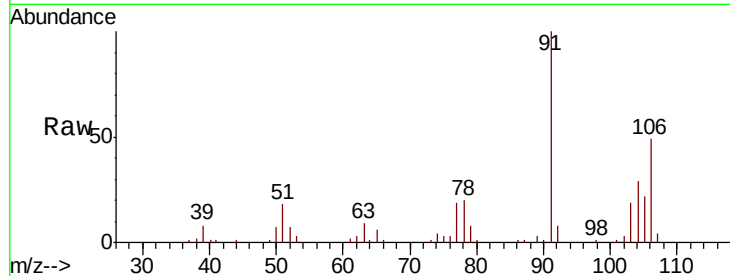




#69
o-Xylene
Concen: 5.482 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

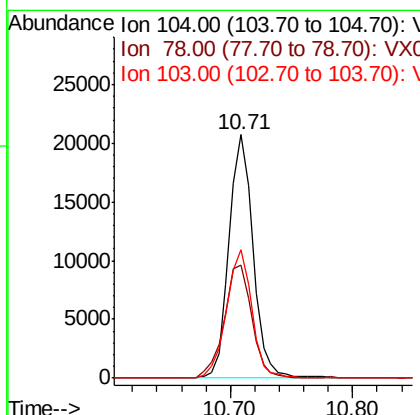
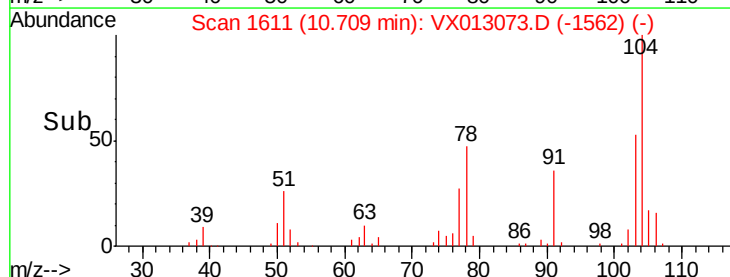
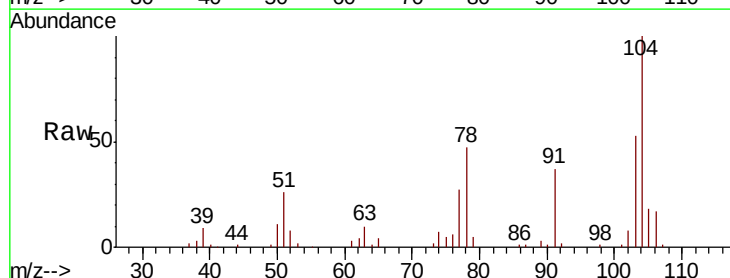
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

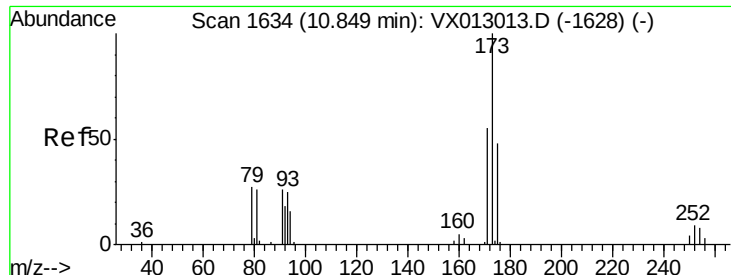
Tot Ion:106 Resp: 17431
Ion Ratio Lower Upper
106 100
91 214.6 109.1 327.3



#70
Styrene
Concen: 5.208 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion:104 Resp: 28151
Ion Ratio Lower Upper
104 100
78 53.5 41.2 61.8
103 55.9 43.0 64.4





#71

Bromoform

Concen: 6.718 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2019

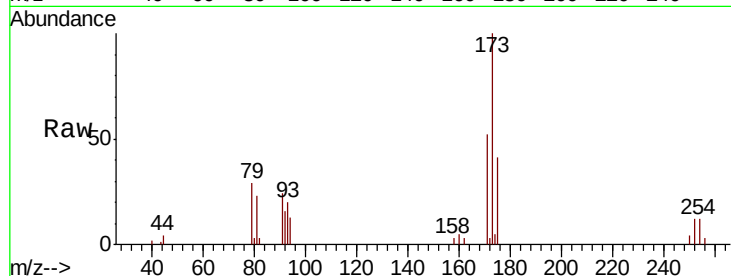
Tot Ion:173 Resp: 5551

Ion Ratio Lower Upper

173 100

175 46.9 24.1 72.3

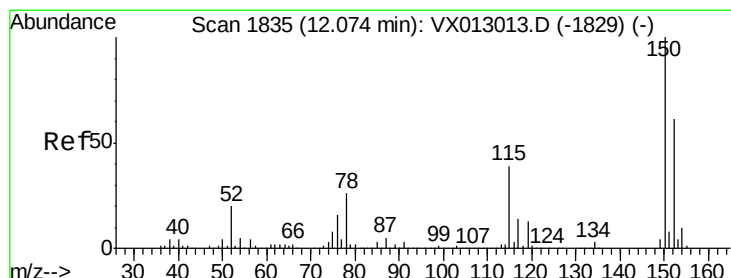
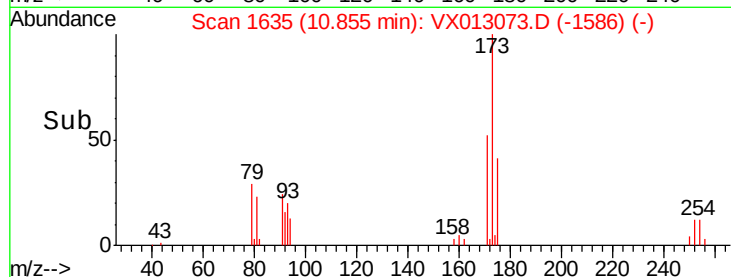
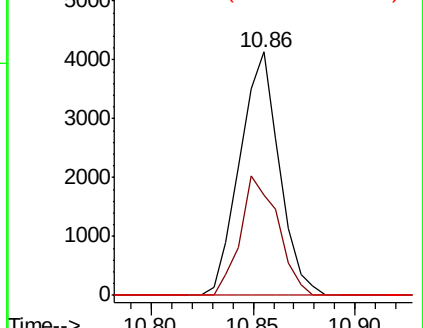
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

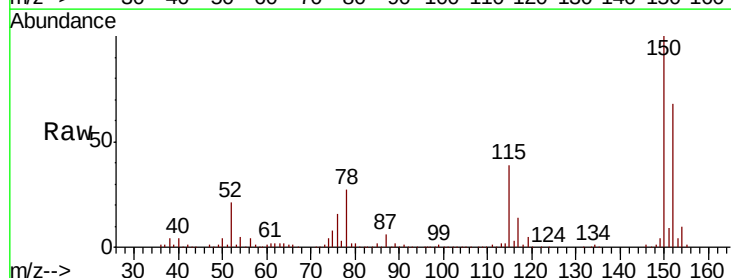
Tgt Ion:152 Resp: 113262

Ion Ratio Lower Upper

152 100

115 64.3 44.5 133.5

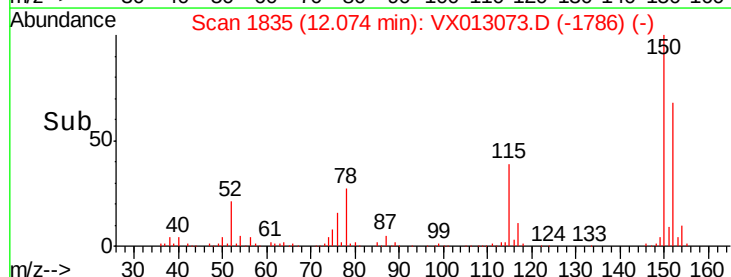
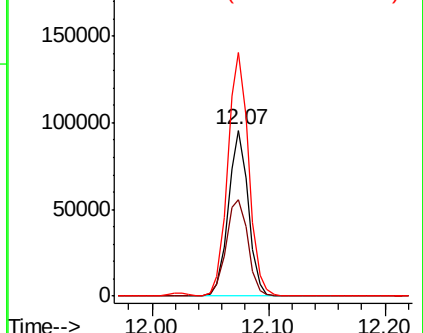
150 154.1 0.0 353.4

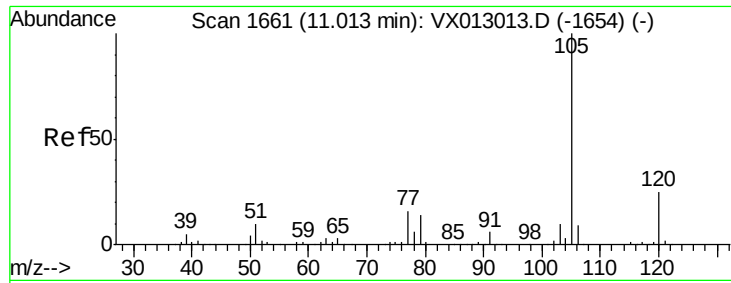


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.302 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

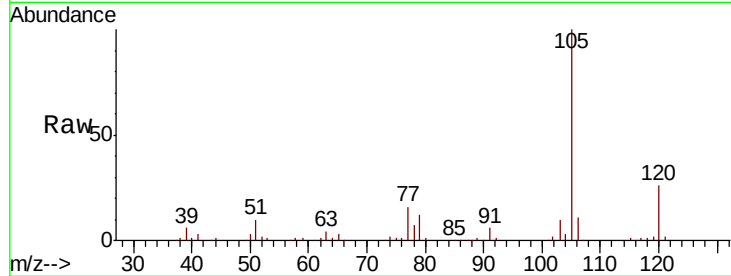
LOQ-WATER-02-QT4-2019

Tot Ion:105 Resp: 44148

Ion Ratio Lower Upper

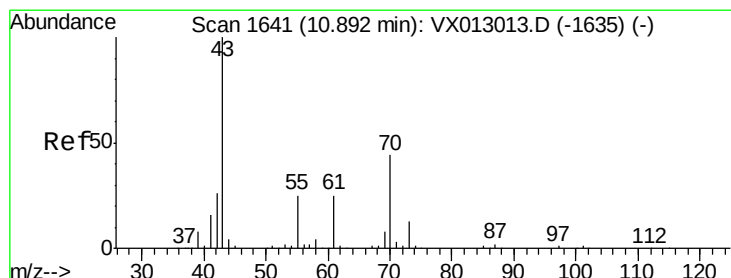
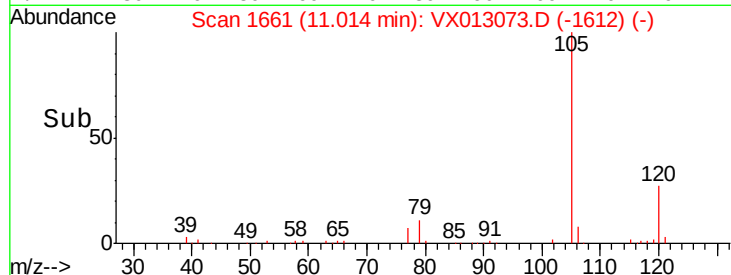
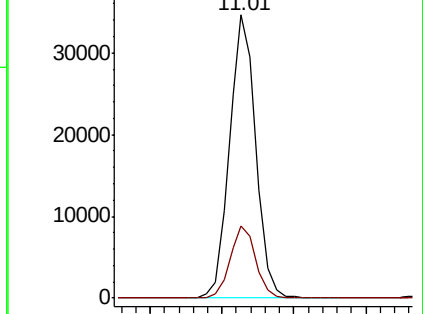
105 100

120 24.8 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.828 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Tgt Ion: 43 Resp: 17315

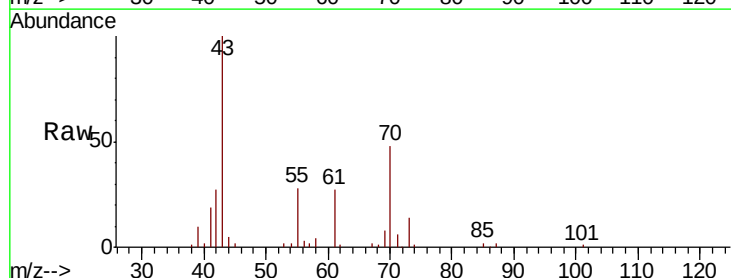
Ion Ratio Lower Upper

43 100

70 45.6 36.4 54.6

55 27.1 20.2 30.2

61 26.0 20.5 30.7

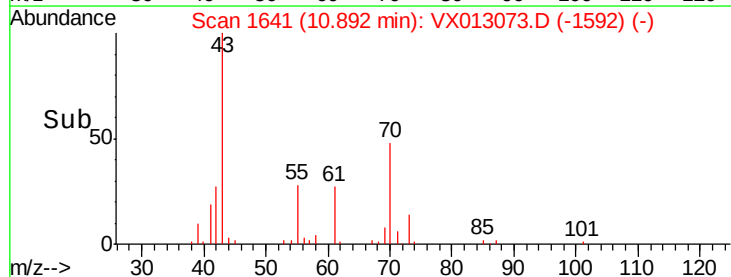
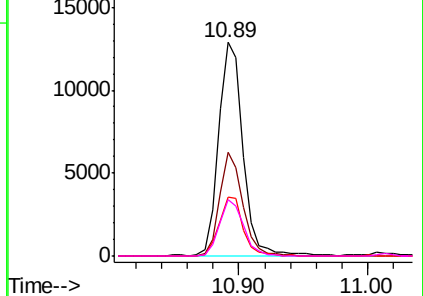


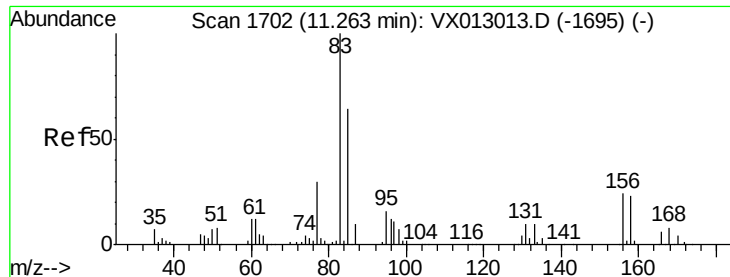
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.500 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2019

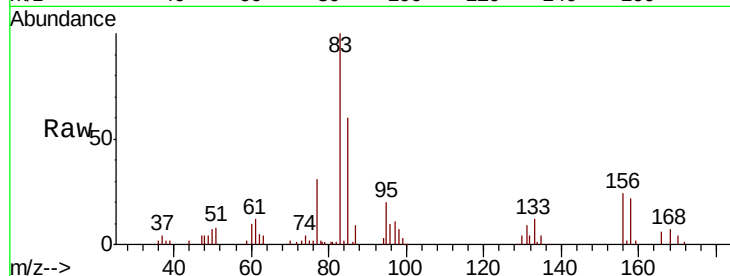
Tot Ion: 83 Resp: 15233

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.3

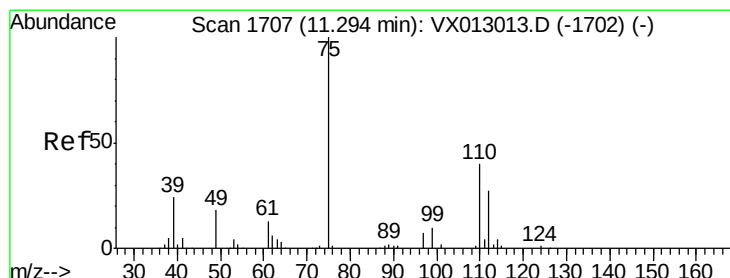
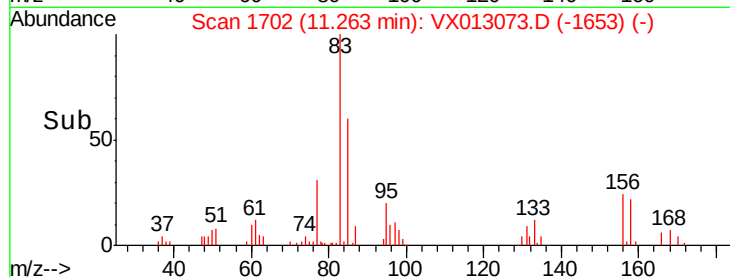
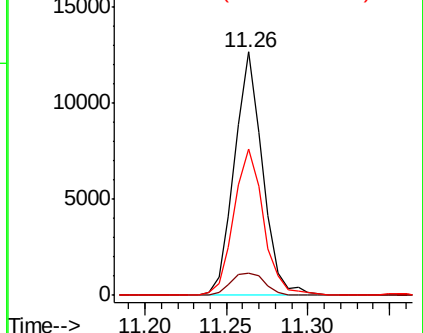
85 63.3 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.401 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013073.D

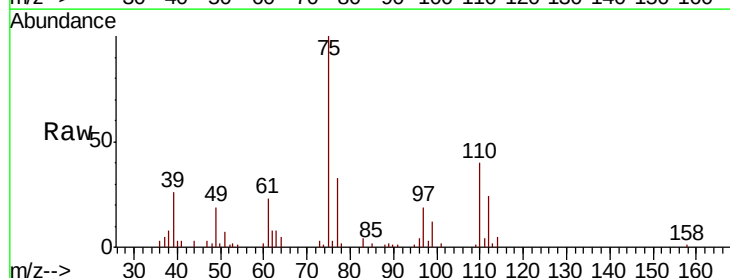
Acq: 15 Oct 2019 13:21

Tgt Ion: 75 Resp: 16079

Ion Ratio Lower Upper

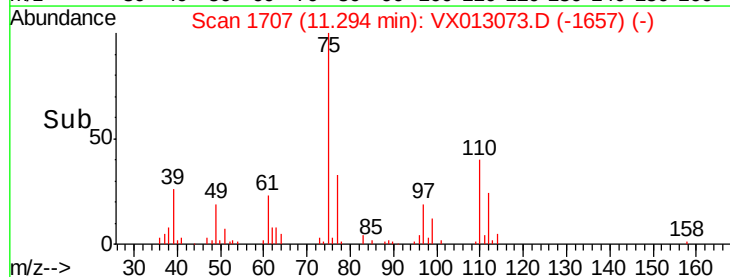
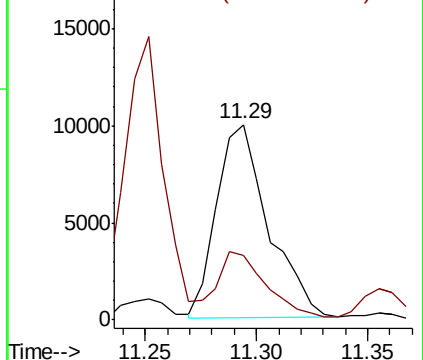
75 100

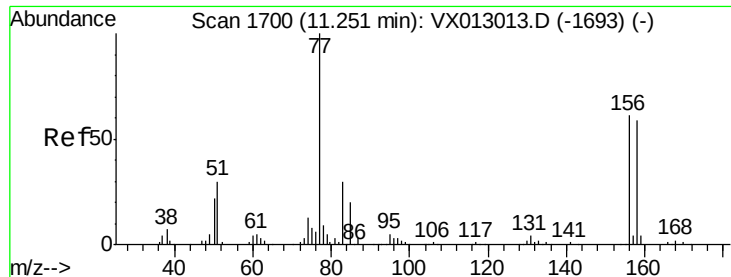
77 33.5 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.874 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2019

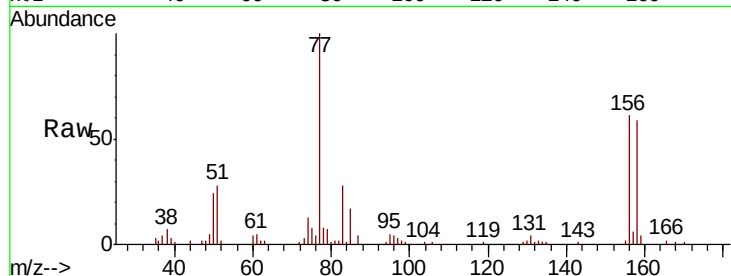
Tot Ion:156 Resp: 11527

Ion Ratio Lower Upper

156 100

77 157.9 83.7 251.0

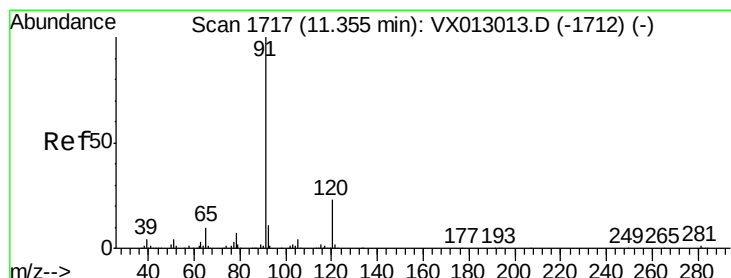
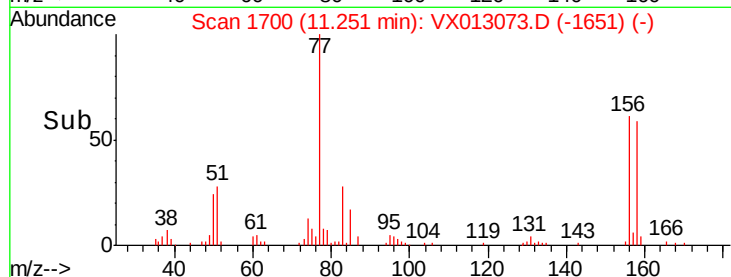
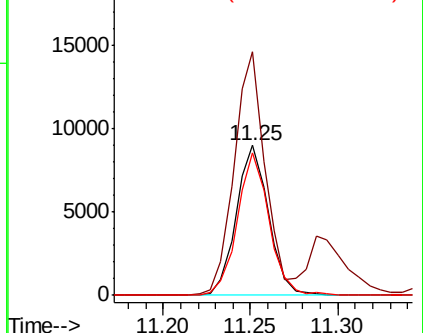
158 93.6 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.032 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013073.D

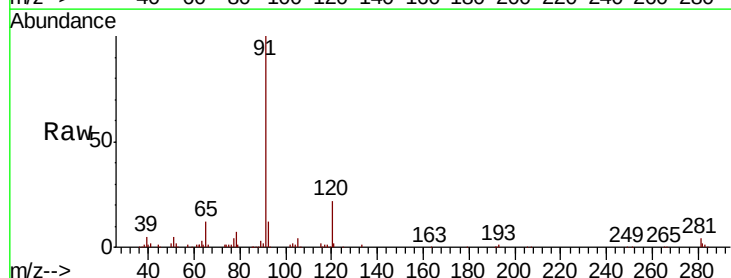
Acq: 15 Oct 2019 13:21

Tgt Ion: 91 Resp: 46105

Ion Ratio Lower Upper

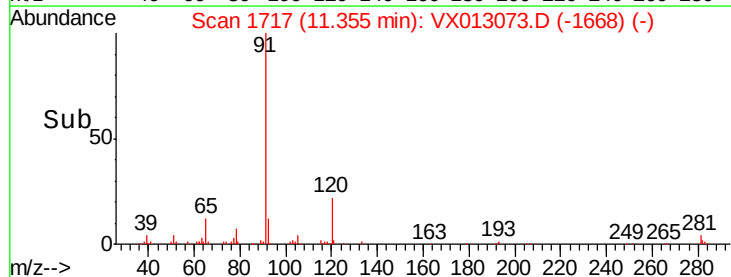
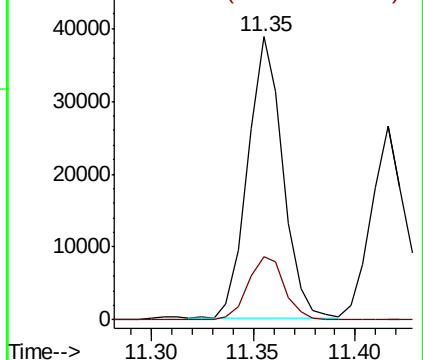
91 100

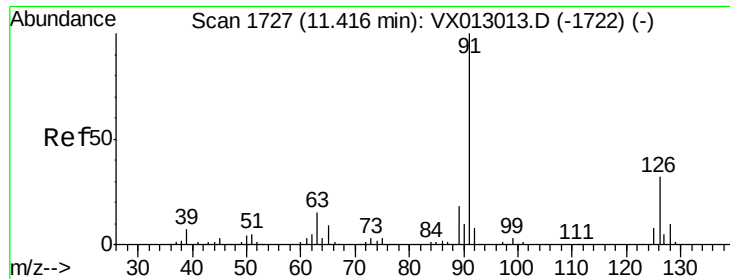
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

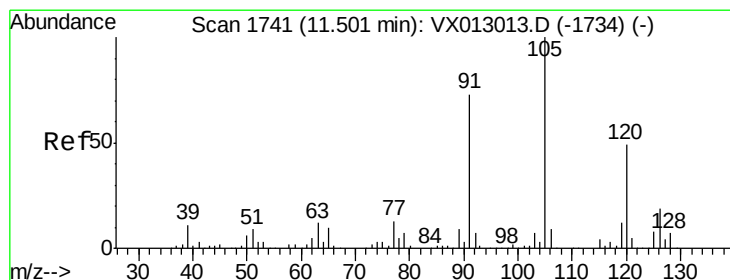
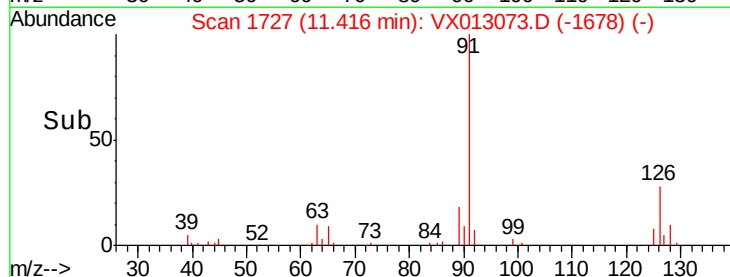
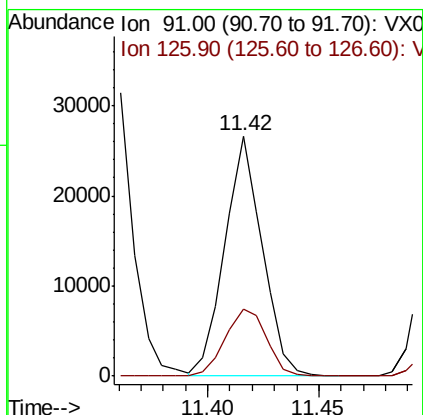
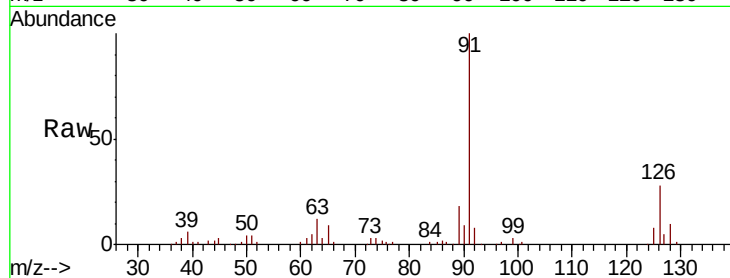




#79
 2-Chlorotoluene
 Concen: 5.382 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

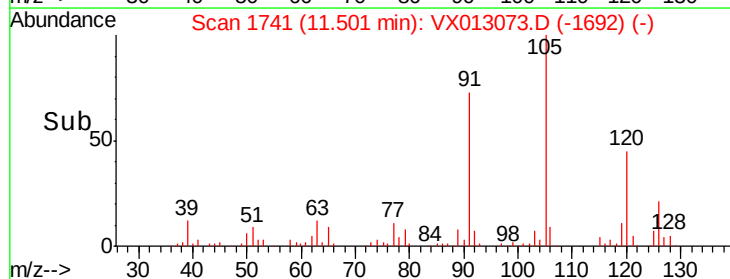
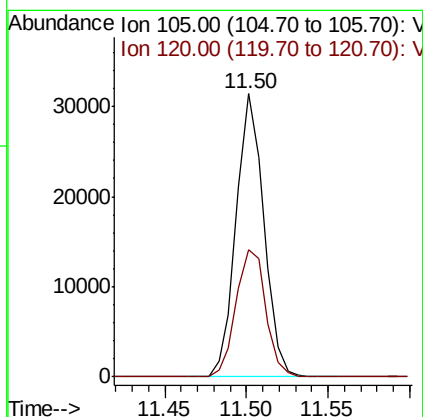
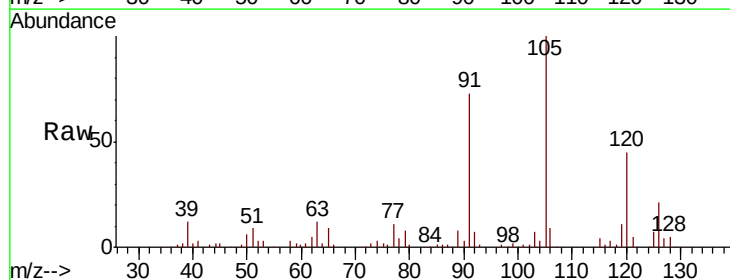
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

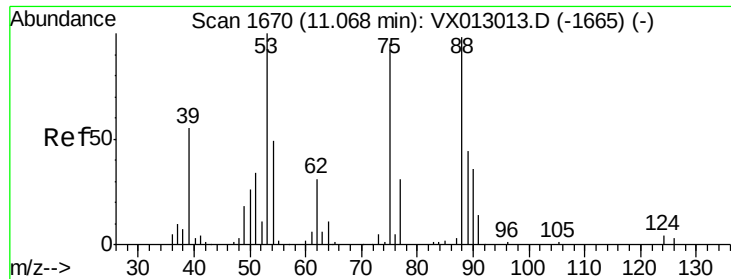
Tot Ion: 91 Resp: 30992
 Ion Ratio Lower Upper
 91 100
 126 31.1 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 5.356 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

Tgt Ion: 105 Resp: 37240
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 7.564 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2019

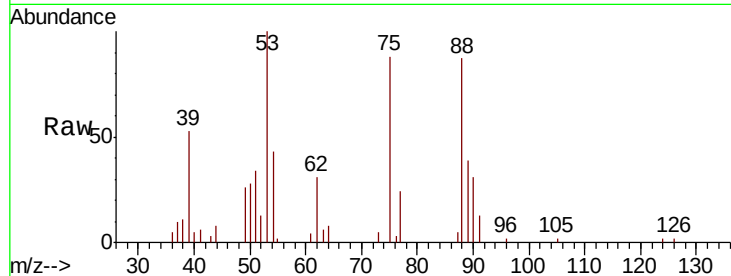
Tot Ion: 75 Resp: 3702

Ion Ratio Lower Upper

75 100

53 111.5 78.5 117.7

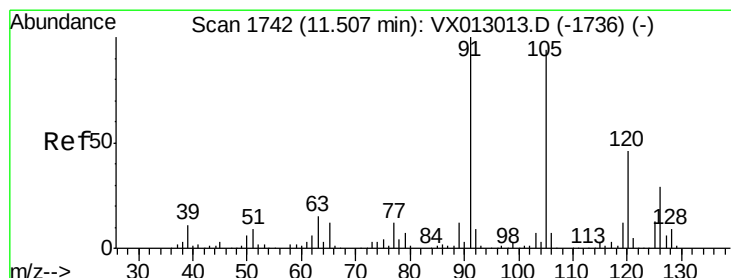
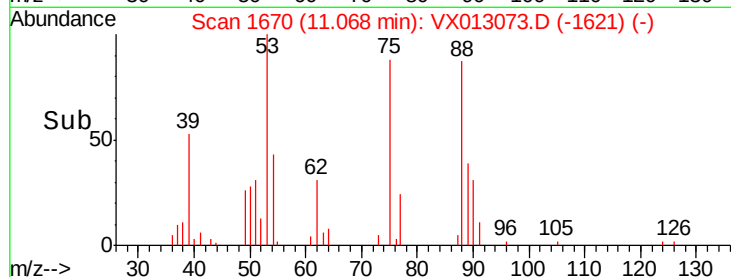
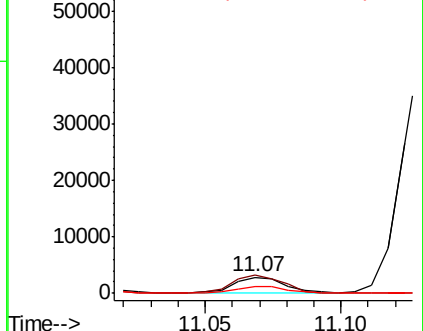
89 47.2 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.363 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013073.D

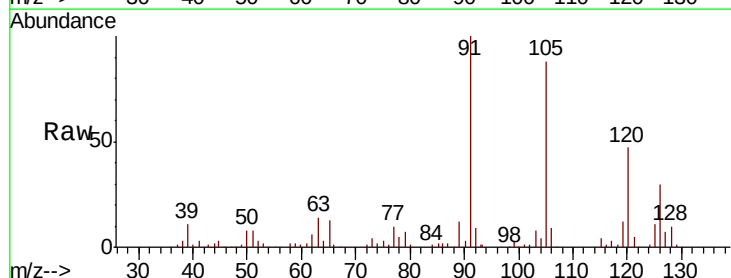
Acq: 15 Oct 2019 13:21

Tgt Ion: 91 Resp: 35396

Ion Ratio Lower Upper

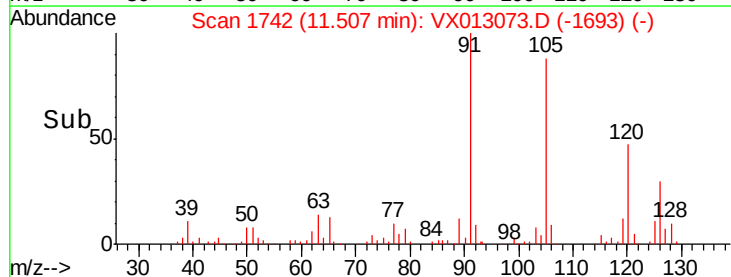
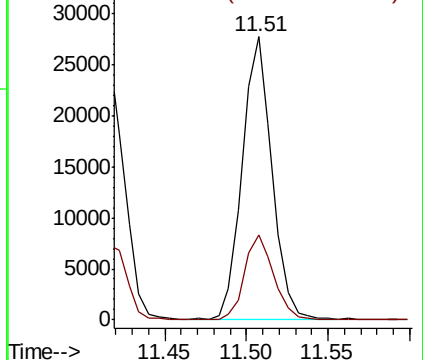
91 100

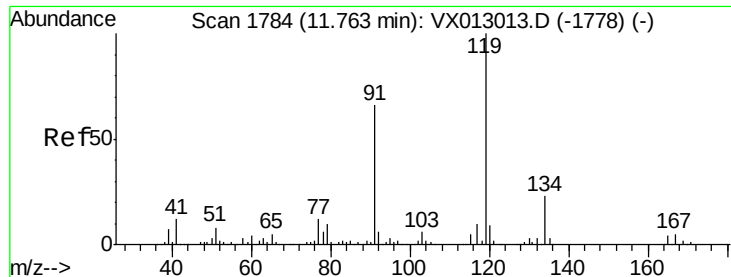
126 29.6 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

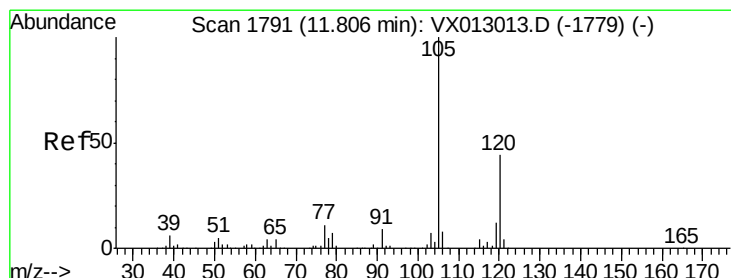
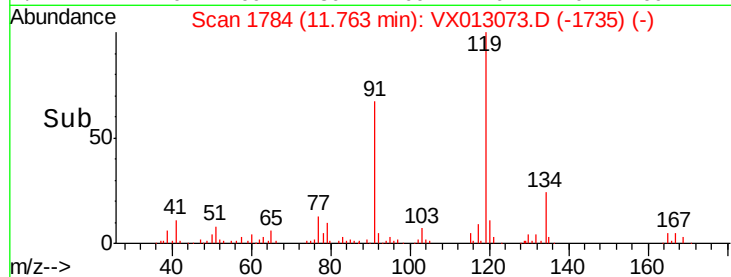
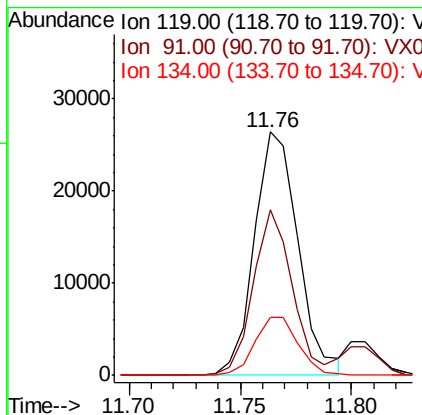
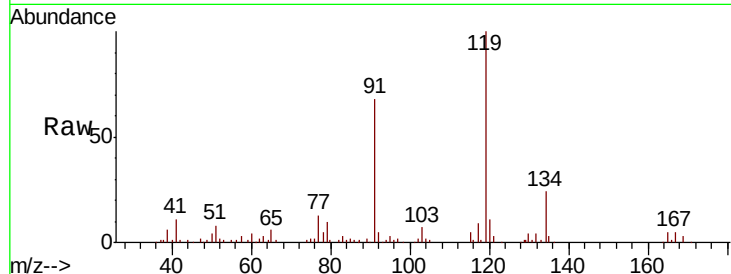




#83
 tert-Butylbenzene
 Concen: 5.333 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

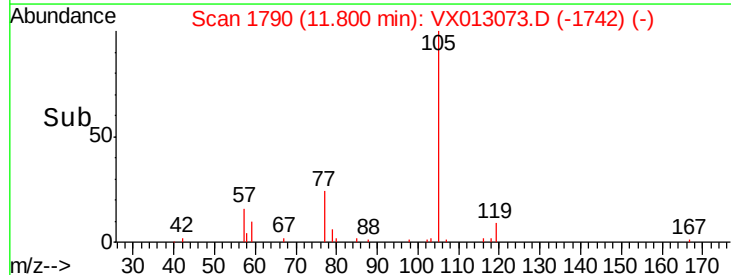
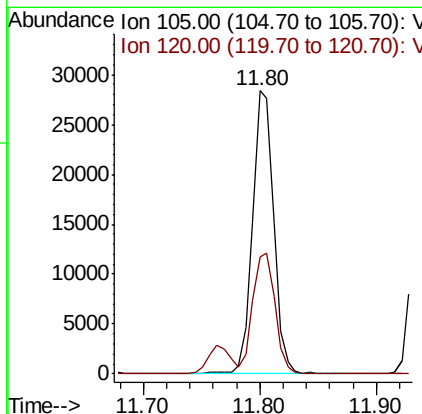
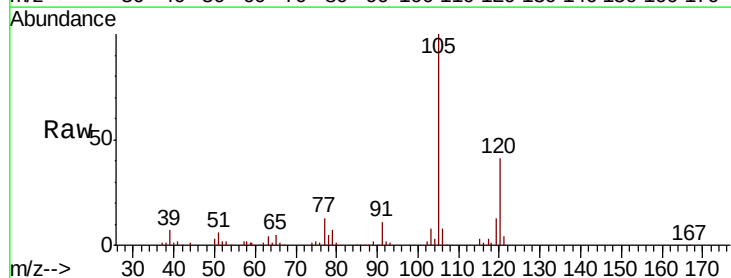
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

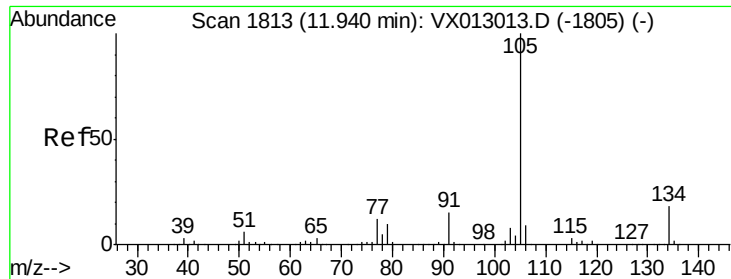
Tot Ion:	119	Resp:	36175
Ion	Ratio	Lower	Upper
119	100		
91	60.4	29.3	87.9
134	23.8	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 5.133 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

Tgt Ion:	105	Resp:	36146
Ion	Ratio	Lower	Upper
105	100		
120	44.8	21.8	65.3





#85

sec-Butylbenzene

Concen: 5.174 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

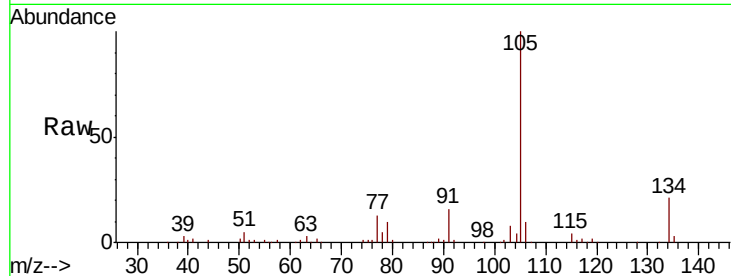
LOQ-WATER-02-QT4-2019

Tot Ion:105 Resp: 40662

Ion Ratio Lower Upper

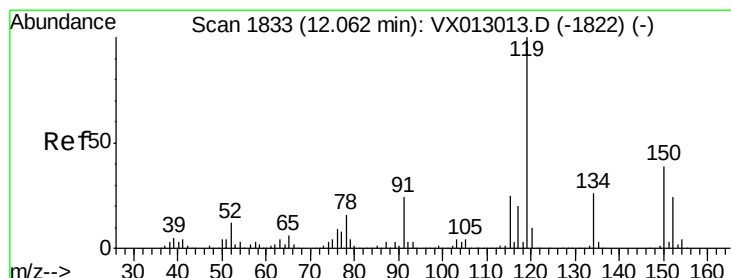
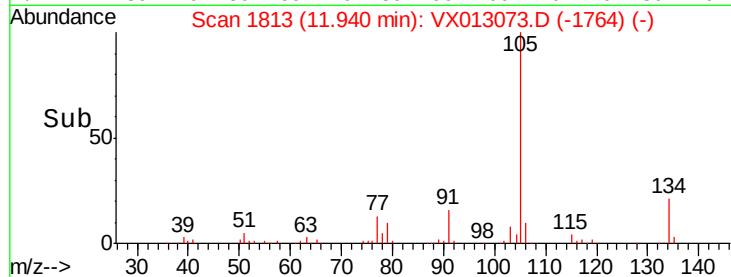
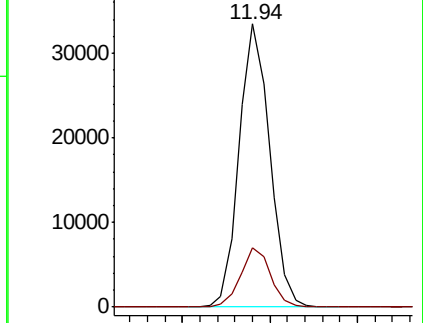
105 100

134 20.5 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.129 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013073.D

Acq: 15 Oct 2019 13:21

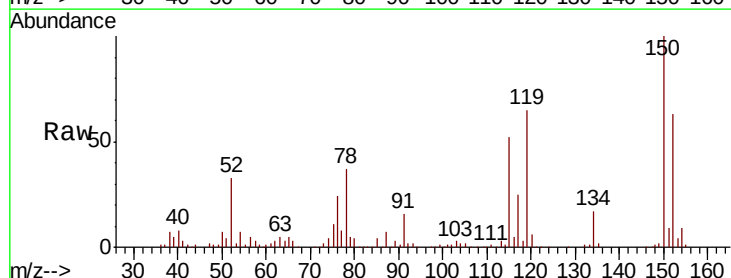
Tgt Ion:119 Resp: 37383

Ion Ratio Lower Upper

119 100

134 24.7 12.6 37.8

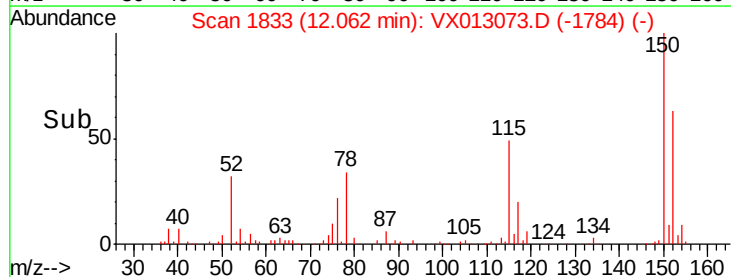
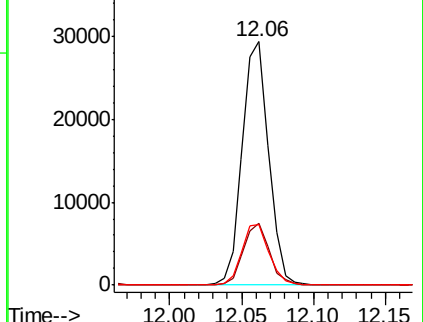
91 25.8 12.4 37.4

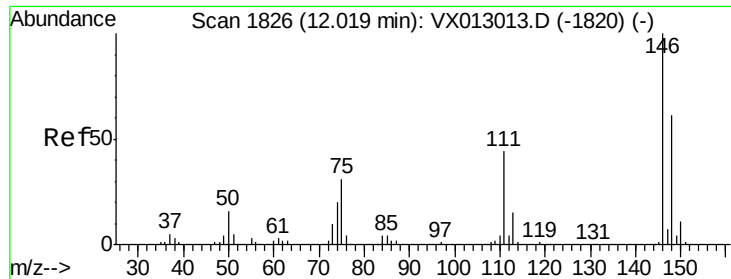


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

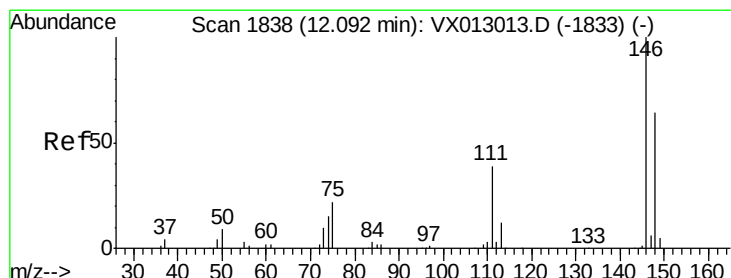
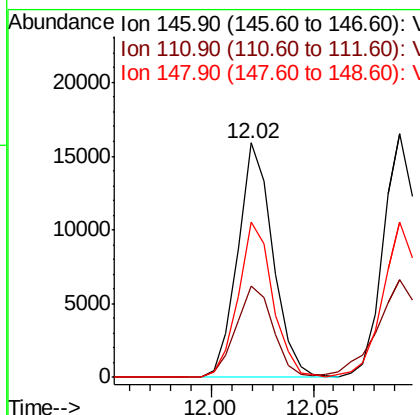
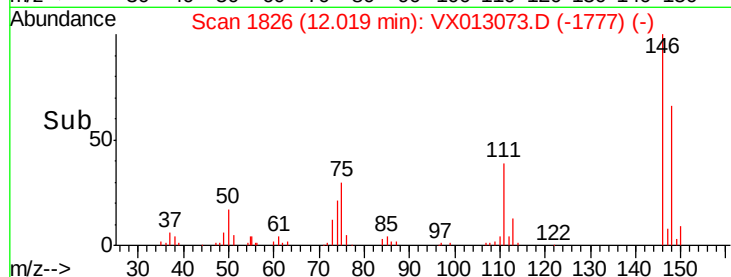
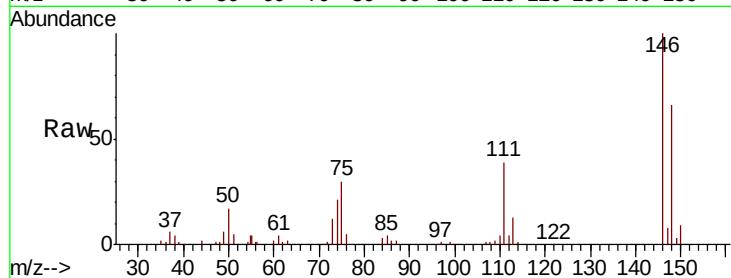




#87
 1,3-Dichlorobenzene
 Concen: 5.197 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

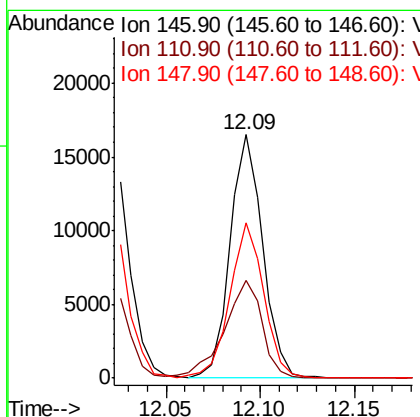
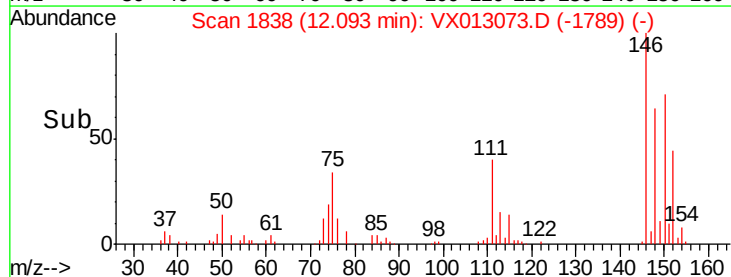
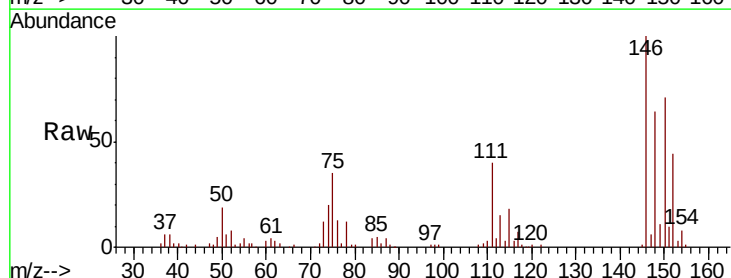
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

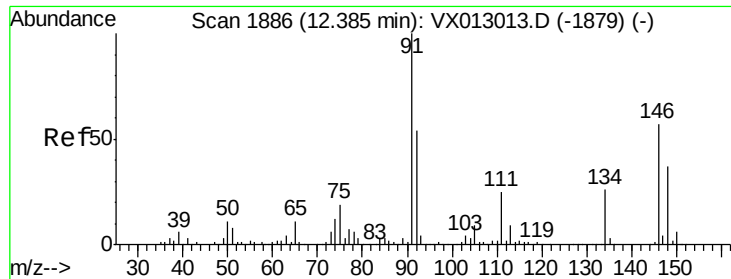
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.1	63.4
148	65.3	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 5.361 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.8	21.4	64.3
148	66.6	32.1	96.5

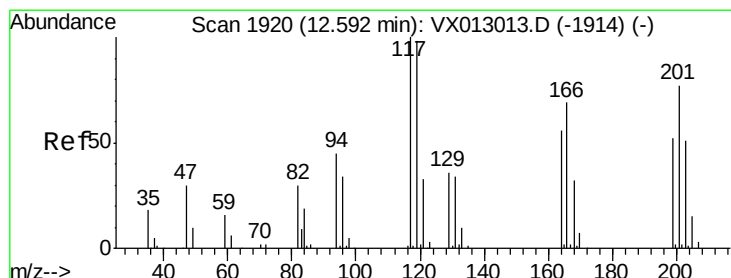
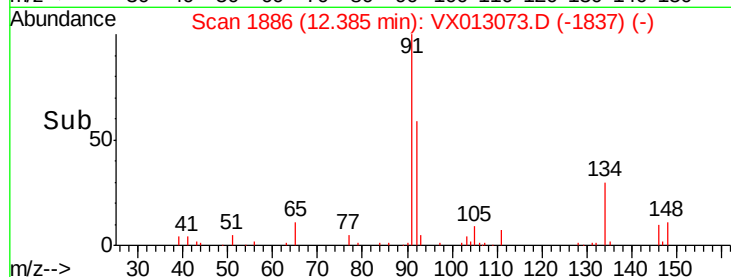
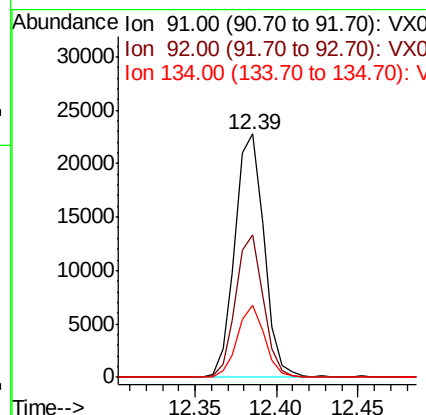
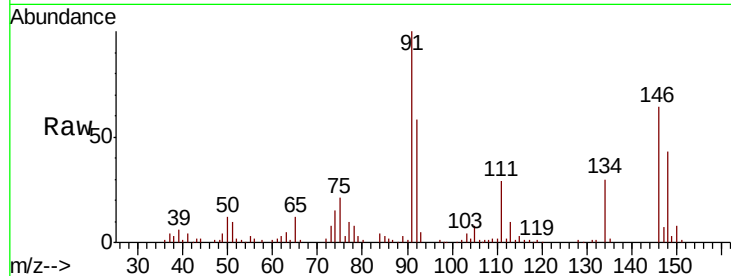




#89
n-Butylbenzene
Concen: 4.638 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

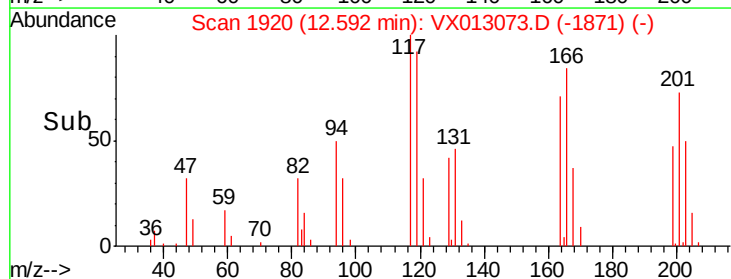
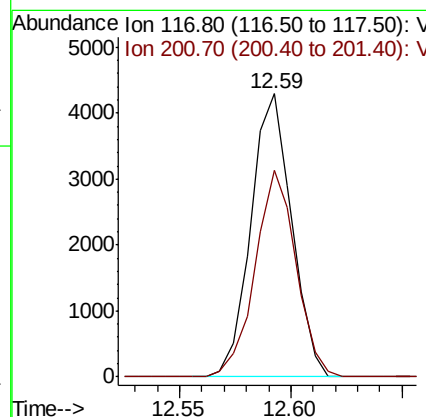
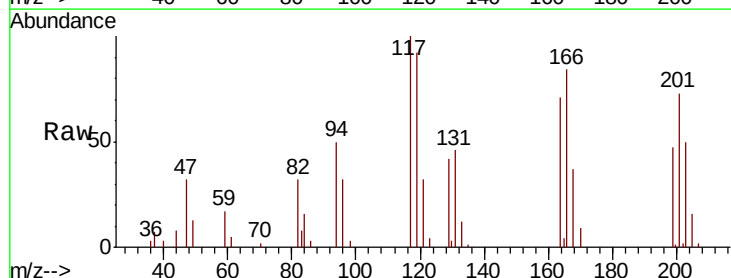
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

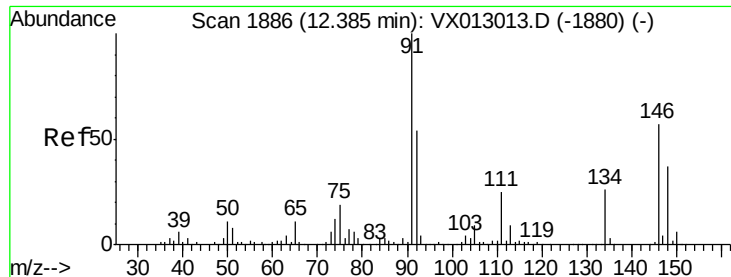
Tot Ion: 91 Resp: 28407
Ion Ratio Lower Upper
91 100
92 55.2 27.5 82.5
134 27.5 12.9 38.7



#90
Hexachloroethane
Concen: 5.995 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion: 117 Resp: 5465
Ion Ratio Lower Upper
117 100
201 73.3 36.9 110.7

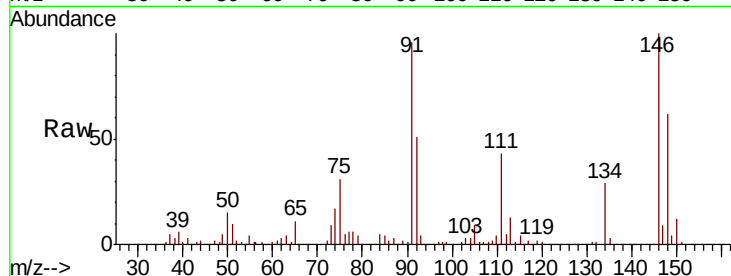




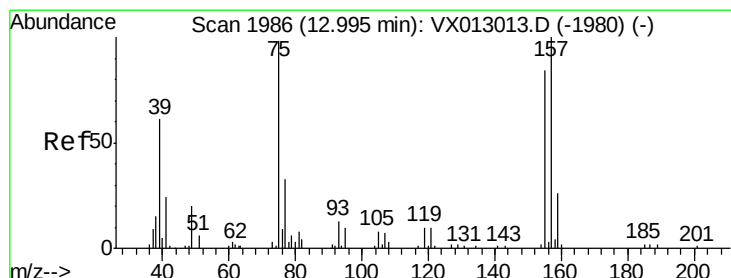
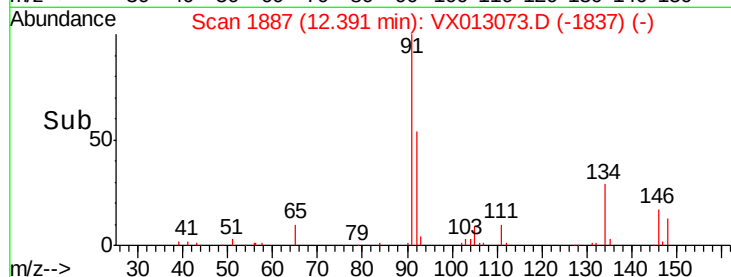
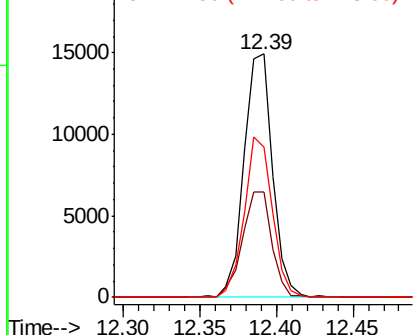
#91
 1,2-Dichlorobenzene
 Concen: 5.420 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion:146 Resp: 19362
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.7 68.0
 148 64.4 31.6 94.7

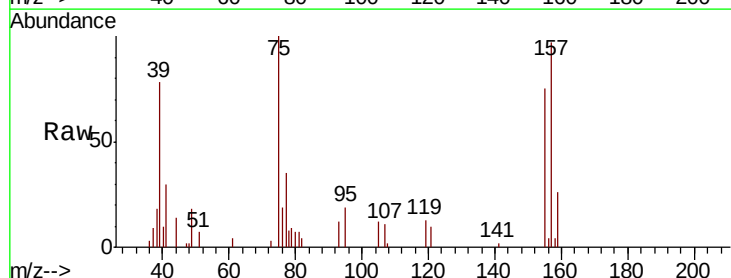


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

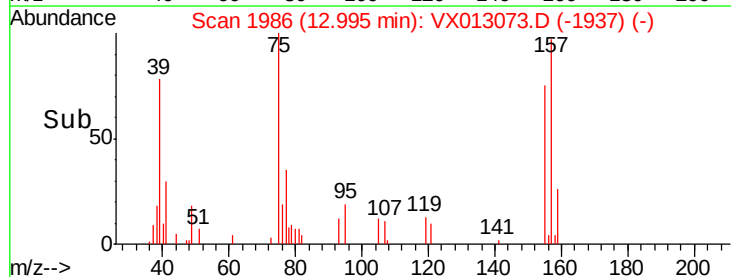
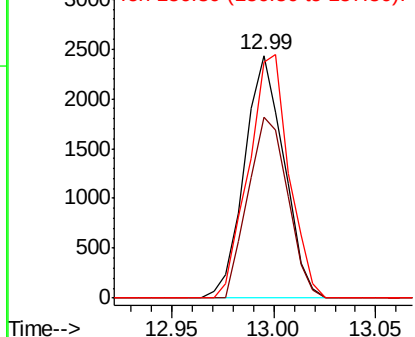


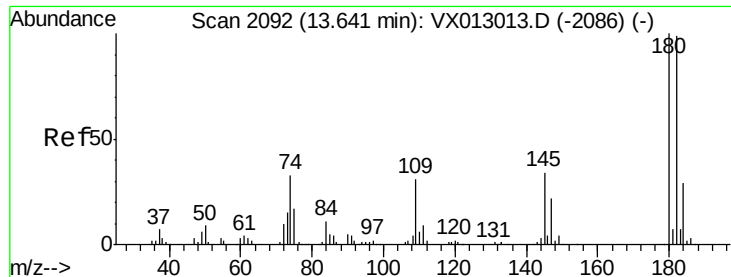
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.040 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

Tgt Ion: 75 Resp: 3272
 Ion Ratio Lower Upper
 75 100
 155 75.3 43.0 128.8
 157 102.9 54.1 162.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

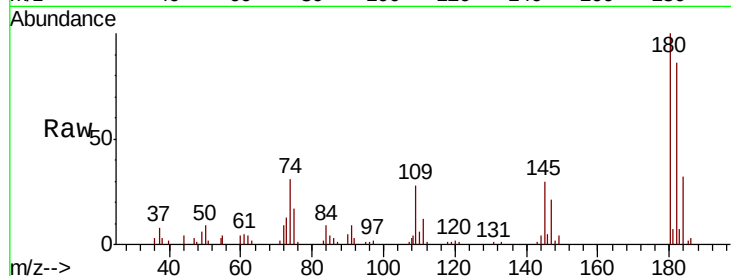




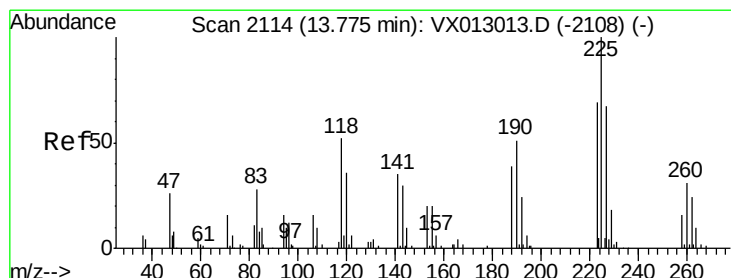
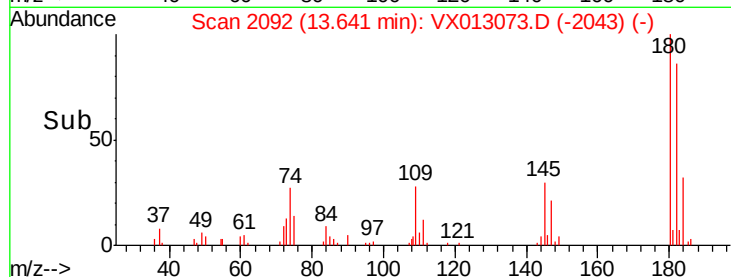
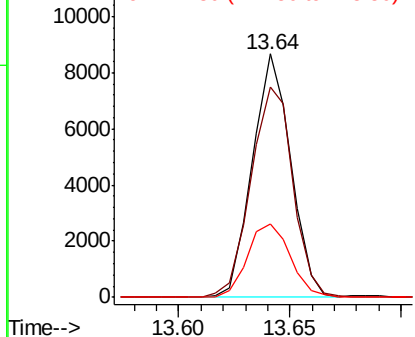
#93
 1,2,4-Trichlorobenzene
 Concen: 4.663 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion:180 Resp: 10436
 Ion Ratio Lower Upper
 180 100
 182 94.5 46.8 140.4
 145 33.6 16.2 48.6

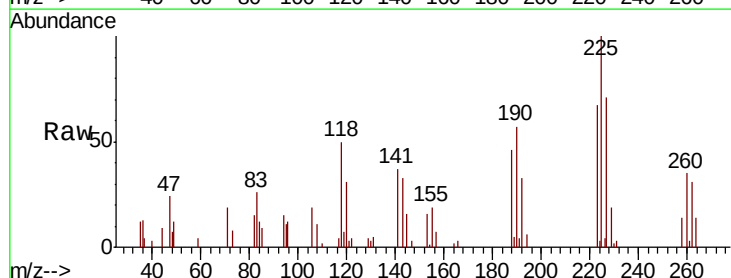


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

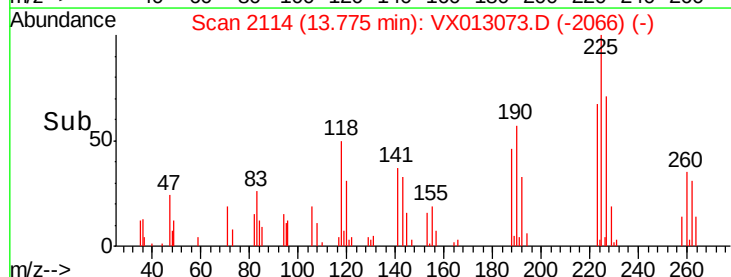
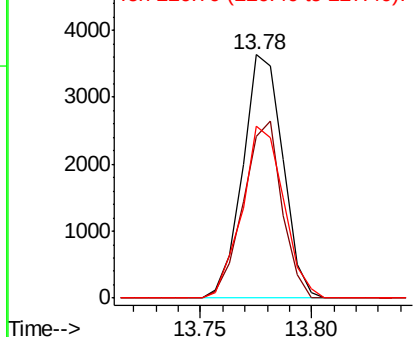


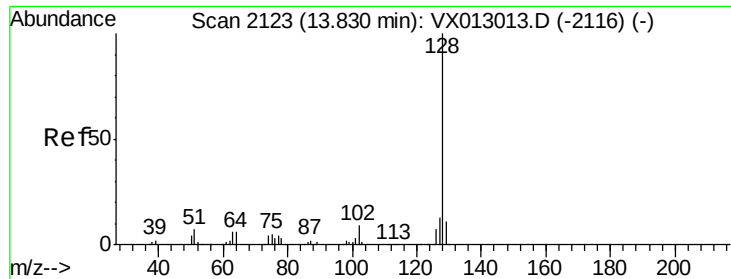
#94
 Hexachlorobutadiene
 Concen: 4.444 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013073.D
 Acq: 15 Oct 2019 13:21

Tgt Ion:225 Resp: 4590
 Ion Ratio Lower Upper
 225 100
 223 69.6 31.1 93.2
 227 72.8 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

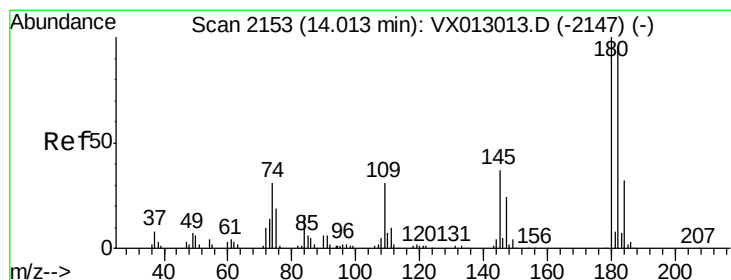
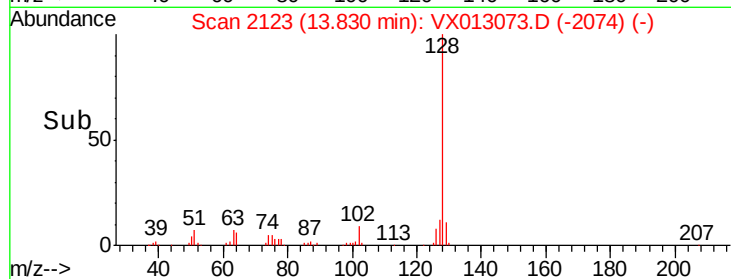
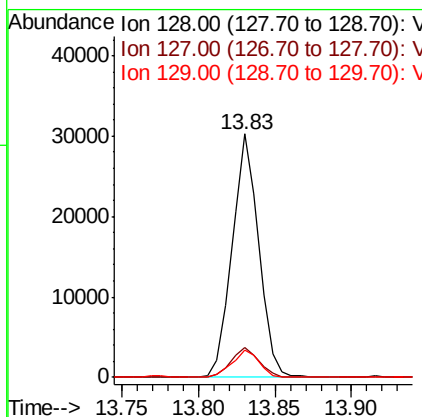
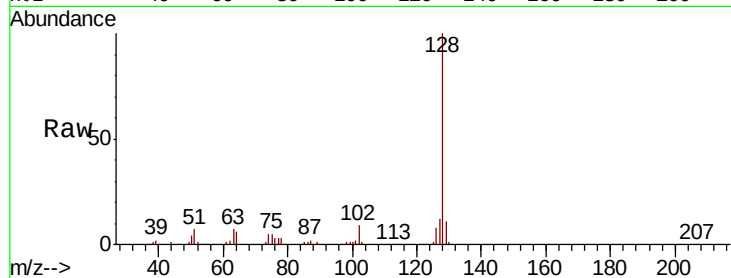




#95
Naphthalene
Concen: 4.706 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:128 Resp: 36504
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.892 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013073.D
Acq: 15 Oct 2019 13:21

Tgt Ion:180 Resp: 11313
Ion Ratio Lower Upper
180 100
182 91.5 47.5 142.5
145 34.6 17.4 52.3

